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ABSTRACT

This is a summary of the number of educational personnel prepared by institutions of the State University of New York and recommended by a state university institution to the State Education Department for Educational Certification. The period covered by this report is July 1, 1966, through June 30, 1975, with detailed descriptions of the latter four years. Tables 1 and 2 contain trend data covering a nine-year period. Table 1 arrays the certifications by the recommending institution; table 2 arrays the same data by certificate area. The balance of this report is in four sections covering the following years in great detail: 1971-72, 1972-73, 1973-74, and 1974-75. Separate data on provisional and permanent certifications are provided as well as data regarding sex of the recipients. A publications list appears at the end of this report. (SK)

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PREPARATION OF EDUCATIONAL PERSONNEL
1971-72 THROUGH 1974-75
WITH TRENDS FROM 1966-67

STATE UNIVERSITY OF NEW YORK

SP010 242

Office of
Institutional Research
Report No. 10-76

PREPARATION OF EDUCATIONAL PERSONNEL

1971-72 THROUGH 1974-75

WITH TRENDS FROM 1966-67

Report Number 10-76

CENTRAL STAFF OFFICE OF INSTITUTIONAL RESEARCH
STATE UNIVERSITY OF NEW YORK
JUNE 1976

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PREFACE

This report represents the results of the Central Staff Office of Institutional Research annual surveys of Educational Certifications Recommended to the New York State Education Department from 1971-72 through 1974-75. Summary data are included from 1966-67. Detailed tables from 1966-67 through 1970-71 are included in earlier publications from this office. While the previous publications are now out of print, they are available at all campus libraries of the State University of New York. A Publications List appears at the end of this report.

The information contained in this publication has been diligently reported over the previous four years and formulated into detailed tables and summaries. This report could not have been published were it not for the cooperation of the institutional respondents and the professional, statistical and typing staffs of the Central Staff Office of Institutional Research.

Tommy Annas
Director

Susan G. Dean
Assistant for
Institutional Research

INTRODUCTION

This report is a summary of the number of educational personnel prepared by institutions of the State University of New York and recommended by a State University institution to the State Education Department for Educational Certification. The period covered by this report is July 1, 1966 through June 30, 1975, with detailed descriptions of the latter four years.

Tables 1 and 2 contain trend data covering a nine-year period. Table 1 arrays the certifications by the recommending institution; table 2 arrays the same data by certificate area. The balance of this report is in four sections covering the following years in great detail: 1971-72, 1972-73, 1973-74 and 1974-75. Separate data on provisional and permanent certifications are provided, as well as data regarding sex of the recipients.

It is important to bear in mind that the data persented here are not an exact statement of the actual number of educational personnel prepared by institutions of the State University of New York. What is reported here is the number of Educational Certifications recommended to the State Education Department by institutions of the State University. There are educational personnel who are trained, in whole or in part, by the State University who do not appear in data presented in this report. Consequently, the data understate the activity of the State University in the preparation of educational personnel. There are a number of reasons for this. A student may meet every requirement for recommendation by the institution, but may apply directly to the State Education Department for certification. Other students meeting all the requirements may not apply for certification through their college because they may be moving out of state, do not intend to teach upon graduation, and for other reasons. Still other students may have been enrolled only in those courses which when added to courses taken elsewhere, fulfill certification requirements either through a different institution, or by direct application to the State Education Department in the case where the certification area is not available at that institution. This last case illustrates the involvement of an institution in the partial preparation of educational personnel without being permitted to reflect that involvement in this report.

For purposes of this report, a student who was recommended for certification in more than one area within the twelve month reporting period was enumerated in more than one area, except where "dual certificates" are noted in the footnotes. It is estimated that the duplicated enumeration is so small as to have little statistical significance.

SUMMARY OF DATA

The Summary Tables exhibit data concerning trends in the number of certificates recommended by institution and by certification area. In the nine year period from 1966-67 through 1974-75 the annual change in the number of teacher certifications recommended increased five times and decreased only three times. However, two of the three decreases have occurred in the past three years.

Percent changes in the number of educational certifications recommended to the New York State Education Department by institutions of the State University of New York from 1966-67 through 1974-75 are as follows:

Period of Comparison	Percent Change
1966-67 to 1967-68	+ 20.6
1967-68 to 1968-69	+ 15.3
1968-69 to 1969-70	- 2.2
1969-70 to 1970-71	+ 3.5
1970-71 to 1971-72	+ 19.1
1971-72 to 1972-73	+ 2.2
1972-73 to 1973-74	- 9.2
1973-74 to 1974-75	- 8.4

In the past nine years, the State University College at Buffalo has recommended the most certifications in all years, except 1969-70 when the State University College at Brockport recommended the most certifications.

The certification area "Elementary Teacher, N-6" has been the largest category of certifications recommended since 1966-67, the first year for which we have published data. The number of certifications in this area reached its peak in 1972-73, but the proportion of annual certifications in this area has remained relatively constant during the previous four years:

Year	Number of Certifications	Percent of Total Certifications
1971-72	4,477	37.1
1972-73	4,759	38.6
1973-74	4,164	37.2
1974-75	3,804	37.1

PART I

SUMMARY TABLES

Institutions

Certification Areas

TABLE 1--INSTITUTION SUMMARY OF EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTIONS OF THE STATE UNIVERSITY OF NEW YORK, 1966-67 THROUGH 1974-75

Institution	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75
State University total	7,198[a]	8,683	10,013	9,794	10,141	12,078	12,341	11,201	10,265
University Centers	1,234	1,449	1,643	1,643	2,095	2,507	2,247	1,922	1,800
Albany	814	860	812	755	838	973	998	758	833
Binghamton	-	-	13	22	22	45	55	32	46
Buffalo	334	453	531	526	778	670	705	595[b]	478
Stony Brook	86	136	287	340	457	819	489	537	443
University Colleges	5,964	7,022	8,157	7,994	7,829	9,343	10,031	9,122	8,333
Brockport	585	753	1,423	1,307	788	1,147	1,550	1,321	1,001
Buffalo	1,131	1,528	1,446	1,202	1,189	1,829	1,856	1,831	1,727
Cortland	778	740	710	837	854	1,040	1,021	1,048	1,066[c]
Fredonia	322	426	453	503	685	651	657	626	532
Geneseo	428	530	634	754	593	688	839	713	769
New Paltz	618	735	862	729	733	809	940	950	810
Old Westbury	-	-	-	-	-	-	-	-	21
Oneonta	104	565	661	855	942	880	808	698	667
Oswego	659	793	1,010	864	1,014	1,205	1,049	931	830
Plattsburgh	328	462	404	460	498	563	653	536	409
Potsdam	411	490	554	483	533	531	658	468	501

[a]Excludes College of Agriculture and Life Sciences and College of Human Ecology for which data were not available.

[b]Includes 23 students from the College at Old Westbury.

[c]Includes 28 students from the Upper Division College at Utica/Rome.

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TABLE 1--INSTITUTION SUMMARY OF EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTIONS OF THE STATE UNIVERSITY OF NEW YORK, 1966-67 THROUGH 1974-75
(Continued)

Institution	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75
Statutory Colleges	N/A	212	213	157	217	228	63	157	132
Agriculture and Life Sciences	N/A	159	187	132	172	175	21	113	65
Ceramics	-	4	-	-	-	-	-	-	-
Human Ecology	N/A	49	26	25	45	53	42	44	67

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TABLE 2--CERTIFICATION AREA SUMMARY OF EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT STATE UNIVERSITY OF NEW YORK, 1966-67 THROUGH 1974-75

Certification area[a]	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75
All areas	7,198	8,683	10,013	9,794	10,141	12,078	12,341	11,201	10,265
School District Administrator[b]	17	23	44	34	34	22	25	35	32
School Administrator and Supervisor[b]	93	299	202	189	27	38	42	49	64
School Nurse Teacher	62	69	17	20	21	22	25	13	5
School Counselor[b]	102	120	170	128	147	122	124	94	93
School Psychologist	-	-	6	18	16	11	17	23	26
Elementary Teacher, N-6[b]	2,499	2,899	3,183	3,318	3,507	4,477	4,759[c]	4,164[c]	3,804
Elementary Teacher, N-6 and English (7-9)[b]	118	122	162	143	158	172	181	164	100
Elementary Teacher, N-6 and Social Studies (7-9)	132	172	199	181	175	199	229	158	145
Elementary Teacher, N-6 and French (7-9)	3	8	5	11	17	24	19	23	21
Elementary Teacher, N-6 and Spanish (7-9)	8	3	5	4	15	15	19	12	7
Elementary Teacher, N-6 and Latin (7-9)	-	-	-	-	1	-	-	-	1
Elementary Teacher, N-6 and German (7-9)	1	-	-	-	-	1	4	1	-
Elementary Teacher, N-6 and Mathematics (7-9)	101	138	182	164	154	182	170	151	126
Elementary Teacher, N-6 and General Science (7-9)	57	72	85	92	87	105	72	73	66
English (7-12)	521	693	813	747	900	1,098	989	857	694
Social Studies (7-12)	687	763	875	863	1,034	1,130	1,014	803	633
French (7-12)	102	165	200	184	191	184	163	192	127
Spanish (7-12)	66	91	120	149	126	139	174	157	151
Latin (7-12)	19	20	12	13	14	13	15	5	6
German (7-12)	29	31	35	20	26	31	28	28	23
Russian (7-12)	15	15	10	9	7	9	8	6	4
Italian (7-12)	-	1	-	4	1	2	2	2	10

[a]Certification areas from Teacher Education Programs and Certification Policies September, 1974, New York State Education Department.

[b]See attached table for changes in Certification Areas.

[c]Includes two students also recommended for certification in Music.

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TABLE 2--CERTIFICATION AREA SUMMARY OF EDUCATIONAL CERTIFICATIONS
RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT
STATE UNIVERSITY OF NEW YORK, 1966-67 THROUGH 1974-75
(Continued)

Certification area	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75
All areas (continued)									
Mathematics (7-12)[a]	385	424	520	443	521	593	547	506	426
Biology (7-12)	197	210	249	247	254	288	288	236	235[b]
Chemistry (7-12)	57	71	74	74	76	79	63	64	49
Physics (7-12)	43	27	65	40	49	57	37	33	31
Earth Science (7-12)[c]	52	36	47	55	50	84	106	88	53
General Science (7-12)	-	-	-	-	-	-	-	32	-
Agriculture	N/A	26	29	28	21	21	21	26	31
Art	253	285	294	255	252	322	298	331	285
Health[d]	34	38	287	268	132	143	215	253	214
Home Economics[c]	178	245	232	235	223	270	228	246	236
Industrial Arts	248	256	298	316	324	390	431	381	367
Library Media Specialist[c]	120	102	93	112	63	81	104	45	74
Music	159	208	233	225	210	204	249	236	248
Physical Education[c]	339	365	477	470	415	531	620	601	533
Recreation	23	68	23	19	69	47	56	70	79
Speech	20	22	48	36	58	52	55	44	49
Business Education[c]	183	198	174	180	180	174	187	141	143
Business and Distributive Education[c]	9	3	-	7	9	22	18	29	57
Trade Subjects[c]	29	56	154	91	221	199	84	108	144
Technical Subjects[c]	11	21	1	-	4	12	2	23	1
Physically Handicapped-Orthopedic	21	20	23	20	17	20	20	26	17
Speech and Hearing Handicapped	86	128	149	146	153	233	300	361	405
Deaf	5	2	7	7	4	-	2	5	1

[a]Includes students also recommended for certification in Physics (7-12) as follows: 1971-72 = 2; 1972-73 = 1; 1974-75 = 5.

[b]Includes six students who were also recommended for certification in Chemistry (7-12) and one student who was also recommended for certification in Earth Science (7-12).

[c]See attached table for changes in Certification Areas.

[d]Includes students also recommended for certification in Physical Education as follows: 1972-73 = 1; 1973-74 = 10.

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TABLE 2—CERTIFICATION AREA SUMMARY OF EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT STATE UNIVERSITY OF NEW YORK, 1966-67 THROUGH 1974-75
(Continued)

Certification area	1966-67	1967-68	1968-69	1969-70	1970-71	1971-72	1972-73	1973-74	1974-75
All areas (continued)									
Mentally Retarded[a]	119	136	157	157	176	233	323	305[b]	440
Teacher of the Learning Handicapped[c]	-	-	-	-	-	-	-	-	9
School Dental Hygiene Teacher	-	24	40	34	-	27	8	1	-
Other areas	-	8[d]	14	38[e]	-	-	-	-	-

[a]See attached table for changes in Certification Areas.

[b]Includes 124 students also recommended for certification as Elementary Teacher, K-6.

[c]This area has been approved by the Commissioner but has yet to be cited in the regulations.

[d]Graduate Teacher Preparation Program, now obsolete.

[e]Includes "Special 5th Year" (now obsolete) as follows: Elementary Teacher, K-6, Mathematics (7-12) and Social Studies (7-12).

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CHANGES IN CERTIFICATION AREAS
1966-67 THROUGH 1974-75

Former Certification Areas (1966-67 through 1973-74)	Current Certification Areas[a] (1974-75)
Superintendent Deputy Superintendent	School District Administrator
Secondary Principal Vocational Principal Technical High School Principal Elementary Principal Director of Vocational Education Director of Health, Physical Education and Recreation Secondary Supervisor Vocational Supervisor Shop Subjects Trades Supervisor Teacher-Coordinator of Vocational-Industrial Cooperative Program Elementary Supervisor	School Administrator and Supervisor
Guidance Counselor Guidance	School Counselor
Early Childhood Specialization	Elementary Teacher, N-6
Elementary Teacher, N-6 and Reading (7-9)	Elementary Teacher, N-6 and English (7-9)
Geology	Earth Science 7-12
Homemaking	Home Economics
Library	Library Media Specialist
Physical Education and Hygiene	Physical Education
Commerce General Commercial Stenography and Typewriting Accounting and Business Practice	Business Education
Commerce and Distributive Occupation Subjects Merchandising and Sales Distributive Education	Business and Distributive Education
Shop Subjects Trades Related Trade Subjects	Trade Subjects

[a]Certification areas from Teacher Education Programs and Certification Policies, September, 1974, New York State Education Department.

CHANGES IN CERTIFICATION AREAS
1966-67 THROUGH 1974-75
(Continued)

Former Certification Areas (1966-67 through 1973-74)	Current Certification Areas (1974-75)
Related Technical Subjects	Technical Subjects
Mentally Handicapped	Mentally Retarded
Dental Hygienist	School Dental Hygiene Teacher

PART II

DETAILED TABLES, 1971-72

Institutional Summary

Institution and Certification Area

Certification Area Summary

Certification Area and Institution

TABLE 3--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972

Institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	12,078	3,748	8,330	9,456	2,768	6,688	2,622	980	1,642
University Centers	2,507	763	1,744	1,894	550	1,344	613	213	400
Albany	973	276	697	575	143	432	398	133	265
Binghamton	45	19	26	-	-	-	45	19	26
Buffalo	670	245	425	500	184	316	170	61	109
Stony Brook	819	223	596	819	223	596	-	-	-
University Colleges	9,343	2,896	6,447	7,427	2,171	5,256	1,916	725	1,191
Brockport	1,147	414	733	915	337	578	232	77	155
Buffalo	1,829	597	1,232	1,113	338	775	716	259	457
Cortland	1,040	327	713	810	248	562	230	79	151
Fredonia	651	224	427	533	179	354	118	45	73
Geneseo	688	142	546	601	117	484	87	25	62
New Paltz	809	184	625	690	145	545	119	39	80
Oneonta	880	199	681	756	155	601	124	44	80
Oswego	1,205	560	645	1,064	461	603	141	99	42
Plattsburgh	563	147	416	474	110	364	89	37	52
Potsdam	531	102	429	471	81	390	60	21	39
Statutory Colleges	228	89	139	135	47	88	93	42	51
Agriculture and Life Sciences	175	87	88	88	47	41	87	40	47
Human Ecology	53	2	51	47	-	47	6	2	4

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	12,078	3,748	8,330	9,456	2,768	6,688	2,622	980	1,642
University Centers	2,507	763	1,744	1,894	550	1,344	613	213	400
Albany	973	276	697	575	143	432	398	133	265
School District Administrator	9	9	-	-	-	-	9	9	-
School Administrator and Supervisor	5	4	1	-	-	-	5	4	1
Elementary Teacher, N-6 and Reading (7-9)	47	5	42	-	-	-	47	5	42
Speech and Hearing Handicapped	62	4	58	47	2	45	15	2	13
English (7-12)	181	31	150	131	19	112	50	12	38
Social Studies (7-12)	166	73	93	109	45	64	57	28	29
Mathematics (7-12)	121	42	79	75	21	54	46	21	25
French (7-12)	47	6	41	29	2	27	18	4	14
German (7-12)	11	2	9	10	2	8	1	-	1
Italian (7-12)	2	-	2	2	-	2	-	-	-
Latin (7-12)	8	1	7	7	1	6	1	-	1
Russian (7-12)	5	1	4	3	1	2	2	-	2
Spanish (7-12)	30	1	29	21	-	21	9	1	8
Biology (7-12)	32	7	25	25	4	21	7	3	4
Chemistry (7-12)	12	5	7	8	1	7	4	4	-
Physics (7-12)	7	6	1	7	6	1	-	-	-
Earth Science (7-12)	2	1	1	2	1	1	-	-	-

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Albany (continued)									
Commerce	116	41	75	72	25	47	44	16	28
Commerce and Distributive Occupation Subjects	17	11	6	9	5	4	8	6	2
Library	57	5	52	-	-	-	57	5	52
Speech	10	4	6	8	3	5	2	1	1
School Psychologist	3	3	-	-	-	-	3	3	-
Guidance	23	14	9	10	5	5	13	9	4
Binghamton	45	19	26	-	-	-	45	19	26
English (7-12)	15	6	9	-	-	-	15	6	9
Social Studies (7-12)	11	8	3	-	-	-	11	8	3
Mathematics (7-12)	5	3	2	-	-	-	5	3	2
French (7-12)	2	-	2	-	-	-	2	-	2
Latin (7-12)	1	-	1	-	-	-	1	-	1
Spanish (7-12)	2	-	2	-	-	-	2	-	2
Biology (7-12)	3	-	3	-	-	-	3	-	3
Earth Science (7-12)	1	-	1	-	-	-	1	-	1
Music	1	-	1	-	-	-	1	-	1
Commerce	4	2	2	-	-	-	4	2	2

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo	670	245	425	500	184	316	170	61	109
School District Administrator	8	8	-	-	-	-	8	8	-
School Administrator and Supervisor	1	1	-	-	-	-	1	1	-
Elementary Teacher, N-6	80	-	80	51	-	51	29	-	29
Speech and Hearing Handicapped	1	-	1	-	-	-	1	-	1
English (7-12)	108	25	83	98	23	75	10	2	8
Social Studies (7-12)	137	76	61	112	59	53	25	17	8
Mathematics (7-12)	45	22	23	38	17	21	7	5	2
French (7-12)	20	2	18	17	-	17	3	2	1
German (7-12)	2	1	1	1	1	-	1	-	1
Latin (7-12)	1	-	1	1	-	1	-	-	-
Russian (7-12)	3	1	2	3	1	2	-	-	-
Spanish (7-12)	10	-	10	8	-	8	2	-	2
Biology (7-12)	20	9	11	16	9	7	4	-	4
Chemistry (7-12)	6	4	2	3	2	1	3	2	1
Physics (7-12)	6	6	-	3	3	-	3	3	-
Earth Science (7-12)	5	5	-	3	3	-	2	2	-
Art	23	1	22	18	1	17	5	-	5
Commerce	54	25	29	44	23	21	10	2	8
Commerce and Distributive Education	5	4	1	4	4	-	1	-	1
Library	16	3	13	-	-	-	16	3	13

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TC THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo (continued)									
Music	14	6	8	4	2	2	10	4	6
Physical Education	65	35	30	54	32	22	11	3	8
Speech	8	1	7	7	1	6	1	-	1
Guidance	32	10	22	15	3	12	17	7	10
Stony Brook	819	223	596	819	223	596	-	-	
Elementary Teacher, N-6	414	45	369	414	45	369	-	-	-
English (7-12)	108	23	85	108	23	85	-	-	-
Social Studies (7-12)	129	74	55	129	74	55	-	-	-
Mathematics (7-12)	70	40	30	70	40	30	-	-	-
French (7-12)	18	2	16	18	2	16	-	-	-
German (7-12)	8	1	7	8	1	7	-	-	-
Russian (7-12)	1	-	1	1	-	1	-	-	-
Spanish (7-12)	22	4	18	22	4	18	-	-	-
Biology (7-12)	27	14	13	27	14	13	-	-	-
Chemistry (7-12)	5	4	1	5	4	1	-	-	-
Physics (7-12)	11	10	1	11	10	1	-	-	-
Earth Science (7-12)	6	6	-	6	6		-	-	-

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
University Colleges	9,343	2,896	6,447	7,427	2,171	5,256	1,916	725	1,191
Brockport	1,147	414	733	915	337	578	232	77	155
School Administrator and Supervisor	7	5	2	-	-	-	7	5	2
Elementary Teacher, N-6	431	62	369	346	48	298	85	14	71
Elementary Teacher, N-6 and English (7-9)	25	5	20	20	4	16	5	1	4
Elementary Teacher, N-6 and Social Studies (7-9)	34	15	19	23	8	15	11	7	4
Elementary Teacher, N-6 and Mathematics (7-9)	12	2	10	7	1	6	5	1	4
Elementary Teacher, N-6 and French (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	5	3	2	3	2	1	2	1	1
Speech and Hearing Handicapped	13	1	12	13	1	12	-	-	-
English (7-12)	66	19	47	52	14	38	14	5	9
Social Studies (7-12)	95	74	21	84	64	20	11	10	1
Mathematics (7-12)	59	30	29	44	19	25	15	11	4
French (7-12)	2	-	2	2	-	2	-	-	-
Spanish (7-12)	7	2	5	7	2	5	-	-	-
Biology (7-12)	36	28	8	29	21	8	7	7	-
Chemistry (7-12)	5	4	1	5	4	1	-	-	-

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Brockport (continued)									
Earth Science (7-12)	12	11	1	12	11	1	-	-	-
Health	72	39	33	60	35	25	12	4	8
Physical Education	222	106	116	196	98	98	26	8	18
Speech	10	5	5	10	5	5	-	-	-
School Dental Hygiene Teacher	27	-	27	-	-	-	27	-	27
Guidance	5	3	2	-	-	-	5	3	2
Buffalo	1,829	597	1,232	1,113	338	775	716	259	457
Elementary Teacher, N-6	642	84	558	357	33	324	285	51	234
Elementary Teacher, N-6 and English (7-9)	24	4	20	19	1	18	5	3	2
Elementary Teacher, N-6 and Social Studies (7-9)	20	8	12	14	7	7	6	1	5
Elementary Teacher, N-6 and Mathematics (7-9)	7	3	4	-	-	-	7	3	4
Elementary Teacher, N-6 and French (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	6	3	3	4	2	2	2	1	1
Mentally Retarded	144	33	111	97	19	78	47	14	33
Physically Handicapped-Orthopedic	20	2	18	13	2	11	7	-	7

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo (continued)									
Speech and Hearing Handicapped	63	4	59	45	3	42	18	1	17
English (7-12)	122	48	74	63	21	42	59	27	32
Social Studies (7-12)	105	63	42	61	36	25	44	27	17
Mathematics (7-12)	48	17	31	27	7	20	21	10	11
French (7-12)	7	1	6	7	1	6	-	-	-
Spanish (7-12)	5	-	5	5	-	5	-	-	-
Biology (7-12)	39	18	21	12	5	7	27	13	14
Chemistry (7-12)	13	10	3	7	6	1	6	4	2
Physics (7-12)	10	9	1	2	1	1	8	8	-
Earth Science (7-12)	26	21	5	4	4	-	22	17	5
Art	197	57	140	145	44	101	52	13	39
Home Economics	116	-	116	82	-	82	34	-	34
Industrial Arts	214	212	2	148	146	2	66	66	-
Cortland	1,040	327	713	810	248	562	230	79	151
Elementary Teacher, N-6	352	30	322	235	10	225	117	20	97
Elementary Teacher, N-6 and English (7-9)	20	2	18	19	2	17	1	-	1
Elementary Teacher, N-6 and Social Studies (7-9)	35	25	10	32	23	9	3	2	1
Elementary Teacher, N-6 and Mathematics (7-9)	43	6	37	39	6	33	4	-	4

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Cortland (continued)									
Elementary Teacher, N-6 and French (7-9)	9	-	9	9	-	9	-	-	-
Elementary Teacher, N-6 and German (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	12	5	7	8	3	5	4	2	2
English (7-12)	54	17	37	46	14	32	8	3	5
Social Studies (7-12)	81	52	29	59	35	24	22	17	5
Mathematics (7-12)	24	13	11	15	9	6	9	4	5
Physics and Mathematics (7-12)	2	2	-	2	2	-	-	-	-
French (7-12)	11	2	9	9	1	8	2	1	1
Spanish (7-12)	8	1	7	8	1	7	-	-	-
Biology (7-12)	11	7	4	7	5	2	4	2	2
Chemistry (7-12)	8	6	2	6	5	1	2	1	1
Physics (7-12)	1	1	-	-	-	-	1	1	-
Health	71	22	49	51	14	37	20	8	12
Physical Education	244	111	133	215	95	120	29	16	13
Recreation	47	24	23	43	22	21	4	2	2
Speech	4	1	3	4	1	3	-	-	-

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Fredonia	651	224	427	533	179	354	118	45	73
Elementary Teacher, N-6	284	49	235	232	38	194	52	11	41
Elementary Teacher, N-6 and English (7-9)	9	1	8	9	1	8	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	18	5	13	18	5	13	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	7	2	5	7	2	5	-	-	-
Elementary Teacher, N-6 and French (7-9)	3	-	3	3	-	3	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	4	1	3	4	1	3	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	5	-	5	5	-	5	-	-	-
Speech and Hearing Handicapped	36	6	30	29	5	24	7	1	6
English (7-12)	69	30	39	52	19	33	17	11	6
Social Studies (7-12)	47	36	11	42	33	9	5	3	2
Mathematics (7-12)	24	12	12	17	9	8	7	3	4
French (7-12)	10	4	6	7	2	5	3	2	1
German (7-12)	1	-	1	1	-	1	-	-	-
Spanish (7-12)	5	1	4	5	1	4	-	-	-
Biology (7-12)	15	11	4	14	11	3	1	-	1

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Fredonia (continued)									
Chemistry (7-12)	9	6	3	7	4	3	2	2	-
Earth Science (7-12)	6	4	2	4	2	2	2	2	-
Music	99	56	43	77	46	31	22	10	12
Geneseo	688	142	546	601	117	484	87	25	62
School Administrator and Supervisor	6	3	3	-	-	-	6	3	3
School District Administrator	1	1	-	-	-	-	1	1	-
Early Childhood Specialization	44	-	44	44	-	44	-	-	-
Elementary Teacher, N-6	267	24	243	227	21	206	40	3	37
Elementary Teacher, N-6 and English (7-9)	18	1	17	17	1	16	1	-	1
Elementary Teacher, N-6 and Social Studies, (7-9)	22	13	9	18	11	7	4	2	2
Elementary Teacher, N-6 and Mathematics (7-9)	11	-	11	10	-	10	1	-	1
Elementary Teacher, N-6 and Spanish (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	5	3	2	4	3	1	1	-	1
Mentally Retarded	89	10	79	82	7	75	7	3	4
Speech and Hearing Handicapped	47	9	38	38	7	31	9	2	7

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Geneseo (continued)									
English (7-12)	61	13	48	59	12	47	2	1	1
Social Studies (7-12)	41	30	11	37	27	10	4	3	1
Mathematics (7-12)	26	15	11	24	14	10	2	1	1
French (7-12)	10	3	7	8	3	5	2	-	2
Spanish (7-12)	8	2	6	8	2	6	-	-	-
Biology (7-12)	12	8	4	8	5	3	4	3	1
Chemistry (7-12)	1	-	1	1	-	1	-	-	-
Physics (7-12)	6	3	3	4	1	3	2	2	-
Library	8	3	5	8	3	5	-	-	-
Speech	4	1	3	3	-	3	1	1	-
New Paltz	809	184	625	690	145	545	119	39	80
Elementary Teacher, N-6	422	44	378	356	33	323	66	11	55
Elementary Teacher, N-6 and English (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	15	5	10	14	4	10	1	1	-
Elementary Teacher, N-6 and Mathematics (7-9)	31	4	27	29	4	25	2	-	2
Elementary Teacher, N-6 and French (7-9)	2	-	2	2	-	2	-	-	-

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
New Paltz (continued)									
Elementary Teacher, N-6 and Spanish (7-9)	3	-	3	3	-	3	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	3	2	1	3	2	1	-	-	-
Speech and Hearing Handicapped	11	3	8	11	3	8	-	-	-
English (7-12)	69	21	48	60	19	41	9	2	7
Social Studies (7-12)	77	50	27	67	44	23	10	6	4
Mathematics (7-12)	22	11	11	16	7	9	6	4	2
French (7-12)	15	2	13	13	2	11	2	-	2
German (7-12)	3	1	2	3	1	2	-	-	-
Spanish (7-12)	14	6	8	9	2	7	5	4	1
Biology (7-12)	13	9	4	8	5	3	5	4	1
Physics (7-12)	1	1	-	1	1	-	-	-	-
Earth Science (7-12)	4	4	-	2	2	-	2	2	-
Art	102	21	81	91	16	75	11	5	6
Oneonta	880	199	681	756	155	601	124	44	80
Elementary Teacher, N-6	458	46	412	414	39	375	44	7	37
Elementary Teacher, N-6 and English (7-9)	11	2	9	11	2	9	-	-	-

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Oneonta (continued)									
Elementary Teacher, N-6 and Social Studies (7-9)	16	3	13	16	3	13	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	36	12	24	34	12	22	2	-	2
Elementary Teacher, N-6 and French (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	4	-	4	4	-	4	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	27	17	10	23	15	8	4	2	2
English (7-12)	81	24	57	79	24	55	2	-	2
Social Studies (7-12)	61	40	21	46	30	16	15	10	5
Mathematics (7-12)	31	16	15	31	16	15	-	-	-
French (7-12)	4	1	3	4	1	3	-	-	-
German (7-12)	5	-	5	5	-	5	-	-	-
Spanish (7-12)	4	-	4	4	-	4	-	-	-
Biology (7-12)	13	5	8	11	4	7	2	1	1
Chemistry (7-12)	4	4	-	3	3	-	1	1	-
Physics (7-12)	2	2	-	1	1	-	1	1	-
Earth Science (7-12)	3	2	1	2	1	1	1	1	-
Home Economics	61	-	61	57	-	57	4	-	4

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Oneonta (continued)									
Speech	9	4	5	9	4	5	-	-	-
School Nurse Teacher	21	2	19	-	-	-	21	2	19
Guidance	27	19	8	-	-	-	27	19	8
Oswego	1,205	560	645	1,064	461	603	141	99	42
School Administrator and Supervisor	7	6	1	-	-	-	7	6	1
Elementary Teacher, N-6	518	71	447	490	62	428	28	9	19
English (7-12)	72	16	56	69	16	53	3	-	3
Social Studies (7-12)	67	47	20	62	43	19	5	4	1
Mathematics (7-12)	49	19	30	46	18	28	3	1	2
French (7-12)	21	3	18	21	3	18	-	-	-
German (7-12)	1	-	1	1	-	1	-	-	-
Spanish (7-12)	14	1	13	14	1	13	-	-	-
Biology (7-12)	27	15	12	24	13	11	3	2	1
Chemistry (7-12)	6	4	2	5	3	2	1	1	-
Physics (7-12)	3	3	-	2	2	-	1	1	-
Earth Science (7-12)	11	10	1	9	8	1	2	2	-
Speech	7	1	6	7	1	6	-	-	-
Industrial Arts	176	176	-	176	176	-	-	-	-
Trade Shop Subjects	199	168	31	119	98	21	80	70	10

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Oswego (continued)									
Related Technical Subjects	12	12	-	12	12	-	-	-	-
School Psychologist	4	2	2	-	-	-	4	2	2
Guidance	11	6	5	7	5	2	4	1	3
Plattsburgh	563	147	416	474	110	364	89	37	52
School Administrator and Supervisor	11	10	1	-	-	-	11	10	1
Elementary Teacher, N-6	283	34	249	252	26	226	31	8	23
Elementary Teacher, N-6 and English (7-9)	12	3	9	11	2	9	1	1	-
Elementary Teacher, N-6 and Social Studies (7-9)	21	13	8	19	11	8	2	2	-
Elementary Teacher, N-6 and Mathematics (7-9)	31	12	19	29	11	18	2	1	1
Elementary Teacher, N-6 and General Science (7-9)	9	8	1	8	8	-	1	-	1
English (7-12)	32	8	24	29	8	21	3	-	3
Social Studies (7-12)	40	28	12	33	22	11	7	6	1
Mathematics (7-12)	30	12	18	28	12	16	2	-	2
Biology (7-12)	11	5	6	8	2	6	3	3	-
Chemistry (7-12)	3	2	1	3	2	1	-	-	-
Earth Science (7-12)	3	2	1	3	2	1	-	-	-

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Plattsburgh (continued)									
School Nurse Teacher	1	-	1	-	-	-	1	-	1
Home Economics	58	-	58	44	-	44	14	-	14
School Psychologist	4	3	1	1	1	-	3	2	1
Guidance	14	7	7	6	3	3	8	4	4
Potsdam	531	102	429	471	81	390	60	21	39
Elementary Teacher, N-6	254	12	242	232	8	224	22	4	18
Elementary Teacher, N-6 and English (7-9)	4	-	4	4	-	4	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	18	6	12	16	5	11	2	1	1
Elementary Teacher, N-6 and Mathematics (7-9)	4	-	4	3	-	3	1	-	1
Elementary Teacher, N-6 and French (7-9)	5	-	5	5	-	5	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	1	1	-	-	-	-	1	1	-
Elementary Teacher, N-6 and General Science (7-9)	5	-	5	4	-	4	1	-	1
English (7-12)	37	7	30	34	6	28	3	1	2
Social Studies (7-12)	45	23	22	42	22	20	3	1	2
Mathematics (7-12)	27	7	20	18	4	14	9	3	6

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TABLE 4--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Potsdam (continued)									
French (7-12)	14	1	13	12	1	11	2	-	2
Latin (7-12)	3	-	3	3	-	3	-	-	-
Spanish (7-12)	7	1	6	6	-	6	1	1	-
Biology (7-12)	6	4	2	3	1	2	3	3	-
Chemistry (7-12)	4	4	-	2	2	-	2	2	-
Physics (7-12)	6	6	-	4	4	-	2	2	-
Earth Science (7-12)	1	-	1	-	-	-	1	-	1
Music	90	30	60	83	28	55	7	2	5
Statutory Colleges	228	89	139	135	47	88	93	42	51
Agriculture and Life Sciences	175	87	88	88	47	41	87	40	47
School District Administrator	4	3	1	-	-	-	4	3	1
School Administrator and Supervisor	1	1	-	-	-	-	1	1	-
Elementary Teacher, N-6	10	3	7	-	-	-	10	3	7
Elementary Teacher, N-6 and General Science (7-9)	28	13	15	15	7	8	13	6	7
English (7-12)	23	5	18	12	2	10	11	3	8
Social Studies (7-12)	28	17	11	19	14	5	9	3	6
French (7-12)	3	1	2	1	-	1	2	1	1
Spanish (7-12)	3	-	3	2	-	2	1	-	1

TABLE 4—EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Agriculture and Life Sciences (continued)									
Mathematics (7-12)	10	3	7	3	1	2	7	2	5
Biology (7-12)	23	9	14	13	5	8	10	4	6
Chemistry (7-12)	3	1	2	1	1	-	2	-	2
Physics (7-12)	4	3	1	1	1	-	3	2	1
Earth Science (7-12)	4	2	2	3	1	2	1	1	-
Agriculture	21	21	-	14	14	-	7	7	-
Guidance	10	5	5	4	1	3	6	4	2
Human Ecology	53	2	51	47	-	47	6	2	4
Elementary Teacher, N-6	18	2	16	14	-	14	4	2	2
Home Economics	35	-	35	33	-	33	2	-	2

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TABLE 5--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended	12,078	3,748	8,330	9,456	2,768	6,688	2,622	980	1,642
School District Administrator	22	21	1	-	-	-	22	21	1
School Administrator and Supervisor	38	30	8	-	-	-	38	30	8
Early Childhood Specialization	62	2	60	58	-	58	4	2	2
Elementary Teacher, N-6	4,415	504	3,911	3,606	363	3,243	809	141	668
Elementary Teacher, N-6 and English (7-9)	125	18	107	112	13	99	13	5	8
Elementary Teacher, N-6 and Social Studies (7-9)	199	93	106	170	77	93	29	16	13
Elementary Teacher, N-6 and Mathematics (7-9)	182	41	141	158	36	122	24	5	19
Elementary Teacher, N-6 and French (7-9)	24	-	24	24	-	24	-	-	-
Elementary Teacher, N-6 and German (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	15	2	13	14	1	13	1	1	-
Elementary Teacher, N-6 and General Science (7-9)	105	54	51	77	42	35	28	12	16
Elementary Teacher, N-6 and Reading (7-9)	47	5	42	-	-	-	47	5	42
Mentally Retarded	233	43	190	179	26	153	54	17	37
Physically Handicapped-Orthopedic	20	2	18	13	2	11	7	-	7

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TABLE 5--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT
STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended (cont.)									
• Speech and Hearing Handicapped	233	27	206	183	21	162	50	6	44
English (7-12)	1,098	293	805	892	220	672	206	73	133
Social Studies (7-12)	1,130	691	439	902	548	354	228	143	85
Mathematics (7-12)	593	264	329	454	196	258	139	68	71
French (7-12)	184	28	156	148	18	130	36	10	26
German (7-12)	31	5	26	29	5	24	2	-	2
Italian (7-12)	2	-	2	2	-	2	-	-	-
Latin (7-12)	13	1	12	11	1	10	2	-	2
Russian (7-12)	9	2	7	7	2	5	2	-	2
Spanish (7-12)	139	19	120	119	13	106	20	6	14
Biology (7-12)	288	149	139	205	104	101	83	45	38
Chemistry (7-12)	79	54	25	56	37	19	23	17	6
Physics (7-12)	57	50	7	36	30	6	21	20	1
Earth Science (7-12)	84	68	16	50	41	9	34	27	7
Agriculture	21	21	-	14	14	-	7	7	-
Art	322	79	243	254	61	193	68	18	50
Commerce	174	68	106	116	48	68	58	20	38
Commerce and Distributive Occupation Subjects	22	15	7	13	9	4	9	6	3
Health	143	61	82	111	49	62	32	12	20
Home Economics	270	-	270	216	-	216	54	-	54
Industrial Arts	390	388	2	324	322	2	66	66	-

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TABLE 5--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972 (Continued)

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended (cont.)									
Library	81	11	70	8	3	5	73	8	65
Music	204	92	112	164	76	88	40	16	24
Physical Education	531	252	279	465	225	240	66	27	39
Recreation	47	24	23	43	22	21	4	2	2
Trade Shop Subjects	199	168	31	119	98	21	80	70	10
Related Technical Subjects	12	12	-	12	12	-	-	-	-
Speech	52	17	35	48	15	33	4	2	2
School Nurse Teacher	22	2	20	-	-	-	22	2	20
School Dental Hygiene Teacher	27	-	27	-	-	-	27	-	27
School Psychologist	11	8	3	1	1	-	10	7	3
Guidance	122	64	58	42	17	25	80	47	33

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	12,078	3,748	8,330	9,456	2,768	6,688	2,622	980	1,642
School District Administrator	22	21	1	-	-	-	22	21	1
Albany Center	9	9	-	-	-	-	9	9	-
Buffalo Center	8	8	-	-	-	-	8	8	-
Geneseo College	1	1	-	-	-	-	1	1	-
Agriculture and Life Sciences	4	3	1	-	-	-	4	3	1
School Administrator and Supervisor	38	30	8	-	-	-	38	30	8
Albany Center	5	4	1	-	-	-	5	4	1
Buffalo Center	1	1	-	-	-	-	1	1	-
Brockport College	7	5	2	-	-	-	7	5	2
Geneseo College	6	3	3	-	-	-	6	3	3
Oswego College	7	6	1	-	-	-	7	6	1
Plattsburgh College	11	10	1	-	-	-	11	10	1
Agriculture and Life Sciences	1	1	-	-	-	-	1	1	-
Early Childhood Specialization	62	2	60	58	-	58	4	2	2
Geneseo College	44	-	44	44	-	44	-	-	-
Human Ecology	18	2	16	14	-	14	4	2	2
Elementary Teacher, N-6	4,415	504	3,911	3,606	363	3,243	809	141	668
Buffalo Center	80	-	80	51	-	51	29	-	29
Stony Brook Center	414	45	369	414	45	369	-	-	-
Brockport College	431	62	369	346	48	298	85	14	71

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 (cont.)									
Buffalo College	642	84	558	357	33	324	285	51	234
Cortland College	352	30	322	235	10	225	117	20	97
Fredonia College	284	49	235	232	38	194	52	11	41
Geneseo College	267	24	243	227	21	206	40	3	37
New Paltz College	422	44	378	356	33	323	66	11	55
Oneonta College	458	46	412	414	39	375	44	7	37
Oswego College	518	71	447	490	62	428	28	9	19
Plattsburgh College	283	34	249	252	26	226	31	8	23
Potsdam College	254	12	242	232	8	224	22	4	18
Agriculture and Life Sciences	10	3	7	-	-	-	10	3	7
Elementary Teacher, N-6 and English (7-9)	125	18	107	112	13	99	13	5	8
Brockport College	25	5	20	20	4	16	5	1	4
Buffalo College	24	4	20	19	1	18	5	3	2
Cortland College	20	2	18	19	2	17	1	-	1
Fredonia College	9	1	8	9	1	8	-	-	-
Geneseo College	18	1	17	17	1	16	1	-	1
New Paltz College	2	-	2	2	-	2	-	-	-
Oneonta College	11	2	9	11	2	9	-	-	-
Plattsburgh College	12	3	9	11	2	9	1	1	-
Potsdam College	4	-	4	4	-	4	-	-	-

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and Social Studies (7-9)	199	93	106	170	77	93	29	16	13
Brockport College	34	15	19	23	8	15	11	7	4
Buffalo College	20	8	12	14	7	7	6	1	5
Cortland College	35	25	10	32	23	9	3	2	1
Fredonia College	18	5	13	18	5	13	-	-	-
Geneseo College	22	13	9	18	11	7	4	2	2
New Paltz College	15	5	10	14	4	10	1	1	-
Oneonta College	16	3	13	16	3	13	-	-	-
Plattsburgh College	21	13	8	19	11	8	2	2	-
Potsdam College	18	6	12	16	5	11	2	1	1
Elementary Teacher, N-6 and Mathematics (7-9)	182	41	141	158	36	122	24	5	19
Brockport College	12	2	10	7	1	6	5	1	4
Buffalo College	7	3	4	-	-	-	7	3	4
Cortland College	43	6	37	39	6	33	4	-	4
Fredonia College	7	2	5	7	2	5	-	-	-
Geneseo College	11	-	11	10	-	10	1	-	1
New Paltz College	31	4	27	29	4	25	2	-	2
Oneonta College	36	12	24	34	12	22	2	-	2
Plattsburgh College	31	12	19	29	11	18	2	1	1
Potsdam College	4	-	4	3	-	3	1	-	1

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and French (7-9)	24	-	24	24	-	24	-	-	-
Brockport College	2	-	2	2	-	2	-	-	-
Buffalo College	1	-	1	1	-	1	-	-	-
Cortland College	9	-	9	9	-	9	-	-	-
Fredonia College	3	-	3	3	-	3	-	-	-
New Paltz College	2	-	2	2	-	2	-	-	-
Oneonta College	2	-	2	2	-	2	-	-	-
Potsdam College	5	-	5	5	-	5	-	-	-
Elementary Teacher, N-6 and German (7-9)	1	-	1	1	-	1	-	-	-
Cortland College	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	15	2	13	14	1	13	1	1	-
Cortland College	2	-	2	2	-	2	-	-	-
Fredonia College	4	1	3	4	1	3	-	-	-
Geneseo College	1	-	1	1	-	1	-	-	-
New Paltz College	3	-	3	3	-	3	-	-	-
Oneonta College	4	-	4	4	-	4	-	-	-
Potsdam College	1	1	-	-	-	-	1	1	-

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and General Science (7-9)	105	54	51	77	42	35	28	12	16
Brockport College	5	3	2	3	2	1	2	1	1
Buffalo College	6	3	3	4	2	2	2	1	1
Cortland College	12	5	7	8	3	5	4	2	2
Fredonia College	5	-	5	5	-	5	-	-	-
Geneseo College	5	3	2	4	3	1	1	-	1
New Paltz College	3	2	1	3	2	1	-	-	-
Oneonta College	27	17	10	23	15	8	4	2	2
Plattsburgh College	9	8	1	8	8	-	1	-	1
Potsdam College	5	-	5	4	-	4	1	-	1
Agriculture and Life Sciences	28	13	15	15	7	8	13	6	7
Elementary Teacher, N-6 and Reading (7-9)	47	5	42	-	-	-	47	5	42
Albany Center	47	5	42	-	-	-	47	5	42
Mentally Retarded	233	43	190	179	26	153	54	17	37
Buffalo College	144	33	111	97	19	78	47	14	33
Geneseo College	89	10	79	82	7	75	7	3	4

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Physically Handicapped-Orthopedic	20	2	18	13	2	11	7	-	7
Buffalo College	20	2	18	13	2	11	7	-	7
Speech and Hearing Handicapped	233	27	206	183	21	162	50	6	44
Albany Center	62	4	58	47	2	45	15	2	13
Buffalo Center	1	-	1	-	-	-	1	-	1
Brockport College	13	1	12	13	1	12	-	-	-
Buffalo College	63	4	59	45	3	42	18	1	17
Fredonia College	36	6	30	29	5	24	7	1	6
Geneseo College	47	9	38	38	7	31	9	2	7
New Paltz College	11	3	8	11	3	8	-	-	-
English (7-12)	1,098	293	805	892	220	672	206	73	133
Albany Center	181	31	150	131	19	112	50	12	38
Binghamton Center	15	6	9	-	-	-	15	6	9
Buffalo Center	108	25	83	98	23	75	10	2	8
Stony Brook Center	108	23	85	108	23	85	-	-	-
Brockport College	66	19	47	52	14	38	14	5	9
Buffalo College	122	48	74	63	21	42	59	27	32
Cortland College	54	17	37	46	14	32	8	3	5
Fredonia College	69	30	39	52	19	33	17	11	6
Geneseo College	61	13	48	59	12	47	2	1	1
New Paltz College	69	21	48	60	19	41	9	2	7

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
English (7-12) (cont.)									
Oneonta College	81	24	57	79	24	55	2	-	2
Oswego College	72	16	56	69	16	53	3	-	3
Plattsburgh College	32	8	24	29	8	21	3	-	3
Potsdam College	37	7	30	34	6	28	3	1	2
Agriculture and Life Sciences	23	5	18	12	2	10	11	3	8
Social Studies (7-12)	1,130	691	439	902	548	354	228	143	85
Albany Center	166	73	93	109	45	64	57	28	29
Binghamton Center	11	8	3	-	-	-	11	8	3
Buffalo Center	137	76	61	112	59	53	25	17	8
Stony Brook Center	129	74	55	129	74	55	-	-	-
Brockport College	95	74	21	84	64	20	11	10	1
Buffalo College	105	63	42	61	36	25	44	27	17
Cortland College	81	52	29	59	35	24	22	17	5
Fredonia College	47	36	11	42	33	9	5	3	2
Geneseo College	41	30	11	37	27	10	4	3	1
New Paltz College	77	50	27	67	44	23	10	6	4
Oneonta College	61	40	21	46	30	16	15	10	5
Oswego College	67	47	20	62	43	19	5	4	1
Plattsburgh College	40	28	12	33	22	11	7	6	1
Potsdam College	45	23	22	42	22	20	3	1	2
Agriculture and Life Sciences	28	17	11	19	14	5	9	3	6

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Mathematics (7-12)	593	264	329	454	196	258	139	68	71
Albany Center	121	42	79	75	21	54	46	21	25
Binghamton Center	5	3	2	-	-	-	5	3	2
Buffalo Center	45	22	23	38	17	21	7	5	2
Stony Brook Center	70	40	30	70	40	30	-	-	-
Brockport College	59	30	29	44	19	25	15	11	4
Buffalo College	48	17	31	27	7	20	21	10	11
Cortland College	26	15	11	17	11[a]	6	9	4	5
Fredonia College	24	12	12	17	9	8	7	3	4
Geneseo College	26	15	11	24	14	10	2	1	1
New Paltz College	22	11	11	16	7	9	6	4	2
Oneonta College	31	16	15	31	16	15	-	-	-
Oswego College	49	19	30	46	18	28	3	1	2
Plattsburgh College	30	12	18	28	12	16	2	-	2
Potsdam College	27	7	20	18	4	14	9	3	6
Agriculture and Life Sciences	10	3	7	3	1	2	7	2	5
French (7-12)	184	28	156	148	18	130	36	10	26
Albany Center	47	6	41	29	2	27	18	4	14
Binghamton Center	2	-	2	-	-	-	2	-	2
Buffalo Center	20	2	18	17	-	17	3	2	1

[a]Includes two students who were also recommended for certification in Physics (7-12).

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
French (7-12) (cont.)									
Stony Brook Center	18	2	16	18	2	16	-	-	-
Brockport College	2	-	2	2	-	2	-	-	-
Buffalo College	7	1	6	7	1	6	-	-	-
Cortland College	11	2	9	9	1	8	2	1	1
Fredonia College	10	4	6	7	2	5	3	2	1
Geneseo College	10	3	7	8	3	5	2	-	2
New Paltz College	15	2	13	13	2	11	2	-	2
Oneonta College	4	1	3	4	1	3	-	-	-
Oswego College	21	3	18	21	3	18	-	-	-
Potsdam College	14	1	13	12	1	11	2	-	2
Agriculture and Life Sciences	3	1	2	1	-	1	2	1	1
German (7-12)	31	5	26	29	5	24	2	-	2
Albany Center	11	2	9	10	2	8	1	-	1
Buffalo Center	2	1	1	1	1	-	1	-	1
Stony Brook Center	8	1	7	8	1	7	-	-	-
Fredonia College	1	-	1	1	-	1	-	-	-
New Paltz College	3	1	2	3	1	2	-	-	-
Oneonta College	5	-	5	5	-	5	-	-	-
Oswego College	1	-	1	1	-	1	-	-	-

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Italian (7-12)	2	-	2	2	-	2	-	-	-
Albany Center	2	-	2	2	-	2	-	-	-
Latin (7-12)	13	1	12	11	1	10	2	-	2
Albany Center	8	1	7	7	1	6	1	-	1
Binghamton Center	1	-	1	-	-	-	1	-	1
Buffalo Center	1	-	1	1	-	1	-	-	-
Potsdam College	3	-	3	3	-	3	-	-	-
Russian (7-12)	9	2	7	7	2	5	2	-	2
Albany Center	5	1	4	3	1	2	2	-	2
Buffalo Center	3	1	2	3	1	2	-	-	-
Stony Brook Center	1	-	1	1	-	1	-	-	-
Spanish (7-12)	139	19	120	119	13	106	20	6	14
Albany Center	30	1	29	21	-	21	9	1	8
Binghamton Center	2	-	2	-	-	-	2	-	2
Buffalo Center	10	-	10	8	-	8	2	-	2
Stony Brook Center	22	4	18	22	4	18	-	-	-
Brockport College	7	2	5	7	2	5	-	-	-

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Spanish (7-12) (cont.)									
Buffalo College	5	-	5	5	-	5	-	-	-
Cortland College	8	1	7	8	1	7	-	-	-
Fredonia College	5	1	4	5	1	4	-	-	-
Geneseo College	8	2	6	8	2	6	-	-	-
New Paltz College	14	6	8	9	2	7	5	4	1
Oneonta College	4	-	4	4	-	4	-	-	-
Oswego College	14	1	13	14	1	13	-	-	-
Potsdam College	7	1	6	6	-	6	1	1	-
Agriculture and Life Sciences	3	-	3	2	-	2	1	-	1
Biology (7-12)	288	149	139	205	104	101	83	45	38
Albany Center	32	7	25	25	4	21	7	3	4
Binghamton Center	3	-	3	-	-	-	3	-	3
Buffalo Center	20	9	11	16	9	7	4	-	4
Stony Brook Center	27	14	13	27	14	13	-	-	-
Brockport College	36	28	8	29	21	8	7	7	-
Buffalo College	39	18	21	12	5	7	27	13	14
Cortland College	11	7	4	7	5	2	4	2	2
Fredonia College	15	11	4	14	11	3	1	-	1
Geneseo College	12	8	4	8	5	3	4	3	1
New Paltz College	13	9	4	8	5	3	5	4	1

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Biology (7-12) (cont.)									
Oneonta College	13	5	8	11	4	7	2	1	1
Oswego College	27	15	12	24	13	11	3	2	1
Plattsburgh College	11	5	6	8	2	6	3	3	-
Potsdam College	6	4	2	3	1	2	3	3	-
Agriculture and Life Sciences	23	9	14	13	5	8	10	4	6
Chemistry (7-12)	79	54	25	56	37	19	23	17	6
Albany Center	12	5	7	8	1	7	4	4	-
Buffalo Center	6	4	2	3	2	1	3	2	1
Stony Brook Center	5	4	1	5	4	1	-	-	-
Brockport College	5	4	1	5	4	1	-	-	-
Buffalo College	13	10	3	7	6	1	6	4	2
Cortland College	8	6	2	6	5	1	2	1	1
Fredonia College	9	6	3	7	4	3	2	2	-
Geneseo College	1	-	1	1	-	1	-	-	-
Oneonta College	4	4	-	3	3	-	1	1	-
Oswego College	6	4	2	5	3	2	1	1	-
Plattsburgh College	3	2	1	3	2	1	-	-	-
Potsdam College	4	4	-	2	2	-	2	2	-
Agriculture and Life Sciences	3	1	2	1	1	-	2	-	2

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Physics (7-12)	57	50	7	36	30	6	21	20	1
Albany Center	7	6	1	7	6	1	-	-	-
Buffalo Center	6	6	-	3	3	-	3	3	-
Stony Brook Center	11	10	1	11	10	1	-	-	-
Buffalo College	10	9	1	2	1	1	8	8	-
Cortland College[a]	1	1	-	-	-	-	1	1	-
Geneseo College	6	3	3	4	1	3	2	2	-
New Paltz College	1	1	-	1	1	-	-	-	-
Oneonta College	2	2	-	1	1	-	1	1	-
Oswego College	3	3	-	2	2	-	1	1	-
Potsdam College	6	6	-	4	4	-	2	2	-
Agriculture and Life Sciences	4	3	1	1	1	-	3	2	1
Earth Science (7-12)	84	68	16	50	41	9	34	27	7
Albany Center	2	1	1	2	1	1	-	-	-
Binghamton Center	1	-	1	-	-	-	1	-	1
Buffalo Center	5	5	-	3	3	-	2	2	-
Stony Brook Center	6	6	-	6	6	-	-	-	-
Brockport College	12	11	1	12	11	1	-	-	-

[a]See Mathematics (7-12).

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Earth Science (7-12) (cont.)									
Buffalo College	26	21	5	4	4	-	22	17	5
Fredonia College	6	4	2	4	2	2	2	2	-
New Paltz College	4	4	-	2	2	-	2	2	-
Oneonta College	3	2	1	2	1	1	1	1	-
Oswego College	11	10	1	9	8	1	2	2	-
Plattsburgh College	3	2	1	3	2	1	-	-	-
Potsdam College	1	-	1	-	-	-	1	-	1
Agriculture and Life Sciences	4	2	2	3	1	2	1	1	-
Agriculture	21	21	-	14	14	-	7	7	-
Agriculture and Life Sciences	21	21	-	14	14	-	7	7	-
Art	322	79	243	254	61	193	68	18	50
Buffalo Center	23	1	22	18	1	17	5	-	5
Buffalo College	197	57	140	145	44	101	52	13	39
New Paltz College	102	21	81	91	16	75	11	5	6
Commerce	174	68	106	116	48	68	58	20	38
Albany Center	116	41	75	72	25	47	44	16	28
Binghamton Center	4	2	2	-	-	-	4	2	2
Buffalo Center	54	25	29	44	23	21	10	2	8

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Commerce and Distributive Occupation Subjects	22	15	7	13	9	4	9	6	3
Albany Center	17	11	6	9	5	4	8	6	2
Buffalo Center	5	4	1	4	4	-	1	-	1
Health	143	61	82	111	49	62	32	12	20
Brockport College	72	39	33	60	35	25	12	4	8
Cortland College	71	22	49	51	14	37	20	8	12
Home Economics	270	-	270	216	-	216	54	-	54
Buffalo College	116	-	116	82	-	82	34	-	34
Oneonta College	61	-	61	57	-	57	4	-	4
Plattsburgh College	58	-	58	44	-	44	14	-	14
Human Ecology	35	-	35	33	-	33	2	-	2
Industrial Arts	390	388	2	324	322	2	66	66	-
Buffalo College	214	212	2	148	146	2	66	66	-
Oswego College	176	176	-	176	176	-	-	-	-
Library	81	11	70	8	3	5	73	8	65
Albany Center	57	5	52	-	-	-	57	5	52
Buffalo Center	16	3	13	-	-	-	16	3	13
Geneseo College	8	3	5	8	3	5	-	-	-

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Music	204	92	112	164	76	88	40	16	24
Binghamton Center	1	-	1	-	-	-	1	-	1
Buffalo Center	14	6	8	4	2	2	10	4	6
Fredonia College	99	56	43	77	46	31	22	10	12
Potsdam College	90	30	60	83	28	55	7	2	5
Physical Education	531	252	279	465	225	240	66	27	39
Buffalo Center	65	35	30	54	32	22	11	3	8
Brockport College	222	106	116	196	98	98	26	8	18
Cortland College	244	111	133	215	95	120	29	16	13
Recreation	47	24	23	43	22	21	4	2	2
Cortland College	47	24	23	43	22	21	4	2	2
Trade Shop Subjects	199	168	31	119	98	21	80	70	10
Oswego College	199	168	31	119	98	21	80	70	10
Related Technical Subjects	12	12	-	12	12	-	-	-	-
Oswego College	12	12	-	12	12	-	-	-	-

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Speech	52	17	35	48	15	33	4	2	2
Albany Center	10	4	6	8	3	5	2	1	1
Buffalo Center	8	1	7	7	1	6	1	-	1
Brockport College	10	5	5	10	5	5	-	-	-
Cortland College	4	1	3	4	1	3	-	-	-
Geneseo College	4	1	3	3	-	3	1	1	-
Oneonta College	9	4	5	9	4	5	-	-	-
Oswego College	7	1	6	7	1	6	-	-	-
School Nurse Teacher	22	2	20	-	-	-	22	2	20
Oneonta College	21	2	19	-	-	-	21	2	19
Plattsburgh College	1	-	1	-	-	-	1	-	1
School Dental Hygiene Teacher	27	-	27	-	-	-	27	-	27
Brockport College	27	-	27	-	-	-	27	-	27
School Psychologist	11	8	3	1	1	-	10	7	3
Albany Center	3	3	-	-	-	-	3	3	-
Oswego College	4	2	2	-	-	-	4	2	2
Plattsburgh College	4	3	1	1	1	-	3	2	1

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TABLE 6--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1971 THROUGH JUNE 30, 1972
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Guidance	122	64	58	42	17	25	80	47	33
Albany Center	23	14	9	10	5	5	13	9	4
Buffalo Center	32	10	22	15	3	12	17	7	10
Brockport College	5	3	2	-	-	-	5	3	2
Oneonta College	27	19	8	-	-	-	27	19	8
Oswego College	11	6	5	7	5	2	4	1	3
Plattsburgh College	14	7	7	6	3	3	8	4	4
Agriculture and Life Sciences	10	5	5	4	1	3	6	4	2

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PART III

DETAILED TABLES, 1972-73

Institutional Summary

Institution and Certification Area

Certification Area Summary

Certification Area and Institution

TABLE 7--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973

Institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	12,341	3,830	8,511	9,480	2,835	6,645	2,861	995	1,866
University Centers	2,247	716	1,531	1,519	452	1,067	728	264	464
Albany	998	312	686	590	156	434	408	156	252
Binghamton	55	27	28	-	-	-	55	27	28
Buffalo	705	242	463	468	177	291	237	65	172
Stony Brook	489	135	354	461	119	342	28	16	12
University Colleges	10,031	3,092	6,939	7,910	2,368	5,542	2,121	724	1,397
Brockport	1,550	521	1,029	1,312	444	868	238	77	161
Buffalo	1,856	591	1,265	1,220	377	843	636	214	422
Cortland	1,021	392	629	737	288	449	284	104	180
Fredonia	657	185	472	532	147	385	125	38	87
Geneseo	839	169	670	662	127	535	177	42	135
New Paltz	940	241	699	667	161	506	273	80	193
Oneonta	808	139	669	749	124	625	59	15	44
Oswego	1,049	520	529	920	436	484	129	84	45
Plattsburgh	653	185	468	535	138	397	118	47	71
Potsdam	658	149	509	576	126	450	82	23	59
Statutory Colleges	63	22	41	51	15	36	12	7	5
Agriculture and Life Sciences	21	21	-	14	14	-	7	7	-
Human Ecology	42	1	41	37	1	36	5	-	5

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	12,341	3,830	8,511	9,480	2,835	6,645	2,861	995	1,866
University Centers	2,247	716	1,531	1,519	452	1,067	728	264	464
Albany	998	312	686	590	156	434	408	156	252
School District Administrator	3	2	1	-	-	-	3	2	1
Elementary Teacher, N-6 and Reading (7-9)	34	2	32	-	-	-	34	2	32
Guidance	49	23	26	14	6	8	35	17	18
School Psychologist	9	3	6	-	-	-	9	3	6
English (7-12)	197	42	155	128	21	107	69	21	48
Social Studies (7-12)	183	85	98	119	47	72	64	38	26
Mathematics (7-12)	124	51	73	82	29	53	42	22	20
French (7-12)	32	5	27	23	2	21	9	3	6
German (7-12)	11	2	9	4	1	3	7	1	6
Italian (7-12)	1	-	1	1	-	1	-	-	-
Latin (7-12)	7	1	6	1	-	1	6	1	5
Russian (7-12)	4	2	2	3	1	2	1	1	-
Spanish (7-12)	44	3	41	34	1	33	10	2	8
Biology (7-12)	26	13	13	11	4	7	15	9	6
Chemistry (7-12)	5	3	2	5	3	2	-	-	-
Physics (7-12)	8	8	-	5	5	-	3	3	-
Earth Science (7-12)	1	1	-	1	1	-	-	-	-

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Albany (continued)									
Library	27	1	26	-	-	-	27	1	26
Speech	2	1	1	2	1	1	-	-	-
Commerce	146	53	93	92	33	59	54	20	34
Commerce and Distributive Occupation Subjects	13	8	5	5	-	5	8	8	-
Speech and Hearing Handicapped	72	3	69	60	1	59	12	2	10
Binghamton	55	27	28	-	-	-	55	27	28
English (7-12)	7	4	3	-	-	-	7	4	3
Social Studies (7-12)	22	13	9	-	-	-	22	13	9
Mathematics (7-12)	10	4	6	-	-	-	10	4	6
Spanish (7-12)	1	-	1	-	-	-	1	-	1
Biology (7-12)	12	4	8	-	-	-	12	4	8
Physics (7-12)	1	1	-	-	-	-	1	1	-
Geology	1	1	-	-	-	-	1	1	-
Music	1	-	1	-	-	-	1	-	1
Buffalo	705	242	463	468	177	291	237	65	172
School District Administrator	14	12	2	-	-	-	14	12	2
School Administrator and Supervisor	3	3	-	1	1	-	2	2	-
Guidance	16	4	12	8	2	6	8	2	6

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo (continued)									
Elementary Teacher, N-6	100	7	93	50	3	47	50	4	46
English (7-12)	142	35	107	112	30	82	30	5	25
Social Studies (7-12)	118	60	58	94	47	47	24	13	11
Mathematics (7-12)	26	12	14	20	9	11	6	3	3
French (7-12)	33	5	28	21	1	20	12	4	8
German (7-12)	4	-	4	2	-	2	2	-	2
Italian (7-12)	1	1	-	1	1	-	-	-	-
Latin (7-12)	4	3	1	1	1	-	3	2	1
Russian (7-12)	4	1	3	4	1	3	-	-	-
Spanish (7-12)	20	3	17	13	2	11	7	1	6
Biology (7-12)	22	14	8	17	12	5	5	2	3
Chemistry (7-12)	10	7	3	9	7	2	1	-	1
Physics (7-12)	4	3	1	3	2	1	1	1	-
Earth Science (7-12)	5	3	2	3	2	1	2	1	1
Art	25	1	24	21	1	20	4	-	4
Library	30	-	30	-	-	-	30	-	30
Music	11	6	5	4	3	1	7	3	4
Physical Education and Recreation	60	36	24	46	30	16	14	6	8
Speech	6	1	5	4	1	3	2	-	2
Commerce	41	20	21	29	16	13	12	4	8
Distributive Occupation Subjects	5	5	-	5	5	-	-	-	-
Health	1	-	1	-	-	-	1	-	1

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Stony Brook	489	135	354	461	119	342	28	16	12
Elementary Teacher, N-6	237	23	214	237	23	214	-	-	-
English (7-12)	45	11	34	45	11	34	-	-	-
Social Studies (7-12)	91	49	42	91	49	42	-	-	-
Mathematics (7-12)	18	8	10	18	8	10	-	-	-
French (7-12)	12	1	11	12	1	11	-	-	-
Germany (7-12)	2	-	2	2	-	2	-	-	-
Spanish (7-12)	13	2	11	13	2	11	-	-	-
Biology (7-12)	22	14	8	22	14	8	-	-	-
Chemistry (7-12)	1	1	-	1	1	-	-	-	-
Physics (7-12)	2	-	2	2	-	2	-	-	-
Earth Science (7-12)	5	5	-	5	5	-	-	-	-
Health	41	21	20	13	5	8	28	16	12
University Colleges	10,031	3,092	6,939	7,910	2,368	5,542	2,121	724	1,397
Brockport	1,550	521	1,029	1,312	444	868	238	77	161
School Administrator and Supervisor	8	8	-	-	-	-	8	8	-
Guidance	10	7	3	9	7	2	1	-	1
Elementary Teacher, N-6	683	78	605	561	64	497	122	14	108
Elementary Teacher, N-6 and English (7-9)	24	3	21	18	1	17	6	2	4

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Brockport (continued)									
Elementary Teacher, N-6 and Social Studies (7-9)	32	13	19	27	9	18	5	4	1
Elementary Teacher, N-6 and Mathematics (7-9)	10	3	7	6	1	5	4	2	2
Elementary Teacher, N-6 and Spanish (7-9)	3	-	3	3	-	3	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	2	2	-	2	2	-	-	-	-
English (7-12)	90	38	52	78	33	45	12	5	7
Social Studies (7-12)	87	56	31	71	50	21	16	6	10
Mathematics (7-12)	76	41	35	54	25	29	22	16	6
French (7-12)	5	1	4	4	1	3	1	-	1
Spanish (7-12)	15	4	11	14	4	10	1	-	1
Biology (7-12)	41	24	17	36	21	15	5	3	2
Chemistry (7-12)	13	10	3	10	7	3	3	3	-
Physics (7-12)	4	4	-	4	4	-	-	-	-
Earth Science (7-12)	13	10	3	12	9	3	1	1	-
Health	78	47	31	72	42	30	6	5	1
Health and Physical Education	1	-	1	-	-	-	1	-	1
Physical Education	311	162	149	295	154	141	16	8	8

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Brockport (continued)									
Speech	8	5	3	8	5	3	-	-	-
Speech and Hearing Handicapped	28	5	23	28	5	23	-	-	-
School Dental Hygiene Teacher	8	-	8	-	-	-	8	-	8
Buffalo	1,856	591	1,265	1,220	377	843	636	214	422
School Administrator and Supervisor	9	5	4	-	-	-	9	5	4
Elementary Teacher, N-6	669	89	580	383	53[a]	330[a]	286	36	250
Elementary Teacher, N-6 and English (7-9)	33	1	32	24	-	24	9	1	8
Elementary Teacher, N-6 and Social Studies (7-9)	37	12	25	28	8	20	9	4	5
Elementary Teacher, N-6 and Mathematics (7-9)	12	6	6	5	1	4	7	5	2
Elementary Teacher, N-6 and French (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	15	5	10	14	5	9	1	-	1
English (7-12)	94	31	63	60	20	40	34	11	23
Social Studies (7-12)	102	63	39	64	39	25	38	24	14

[a]Includes one student also recommended for certification in Music.

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo (continued)									
Mathematics (7-12)	46	20	26	40	17	23	6	3	3
French (7-12)	17	1	16	17	1	16	-	-	-
Spanish (7-12)	6	-	6	6	-	6	-	-	-
Biology (7-12)	46	25	21	22	9	13	24	16	8
Chemistry (7-12)	12	9	3	8	6	2	4	3	1
Earth Science (7-12)	40	30	10	16	12	4	24	18	6
Art	161	55	106	126	34	92	35	21	14
Home Economics	83	-	83	59	-	59	24	-	24
Industrial Arts	203	201	2	145	144	1	58	57	1
Mentally Retarded	185	26	159	141	19	122	44	7	37
Physically Handicapped-Orthopedic	20	3	17	15	3	12	5	-	5
Speech and Hearing Handicapped	64	9	55	45	6	39	19	3	16
Cortland	1,021	392	629	737	288	449	284	104	180
School Administrator and Supervisor	2	2	-	-	-	-	2	2	-
Elementary Teacher, N-6	350	38	312	171	7	164	179	31	148
Elementary Teacher, N-6 and English (7-9)	23	3	20	23	3	20	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	47	22	25	41	20	21	6	2	4

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Cortland (continued)									
Elementary Teacher, N-6 and Mathematics (7-9)	35	30	5	33	28	5	2	2	-
Elementary Teacher, N-6 and French (7-9)	9	-	9	9	-	9	-	-	-
Elementary Teacher, N-6 and German (7-9)	2	2	-	2	2	-	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	4	-	4	4	-	4	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	15	9	6	13	7	6	2	2	-
English (7-12)	32	9	23	30	9	21	2	-	2
Social Studies (7-12)	64	45	19	35	21	14	29	24	5
Mathematics (7-12)	19	7	12	15	6	9	4	1	3
Physics and Mathematics (7-12)	1	1	-	1	1	-	-	-	-
French (7-12)	7	1	6	3	-	3	4	1	3
Spanish (7-12)	6	-	6	6	-	6	-	-	-
Biology (7-12)	9	3	6	8	2	6	1	1	-
Chemistry (7-12)	1	1	-	1	1	-	-	-	-
Physics (7-12)	1	1	-	1	1	-	-	-	-
Earth Science (7-12)	2	1	1	2	1	1	-	-	-
Health	80	35	45	61	24	37	19	11	8

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Cortland (continued)									
Physical Education	249	142	107	221	118	103	28	24	4
Recreation	56	38	18	52	35	17	4	3	1
Speech	7	2	5	5	2	3	2	-	2
Fredonia	657	185	472	532	147	385	125	38	87
Elementary Teacher, N-6	312	45	267	242	33	209	70	12	58
Elementary Teacher, N-6 and English (7-9)	13	1	12	11	-	11	2	1	1
Elementary Teacher, N-6 and Social Studies (7-9)	13	6	7	13	6	7	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and French (7-9)	1	-	1	-	-	-	1	-	1
Elementary Teacher, N-6 and General Science (7-9)	2	-	2	2	-	2	-	-	-
English (7-12)	57	18	39	49	15	34	8	3	5
Social Studies (7-12)	47	30	17	40	27	13	7	3	4
Mathematics (7-12)	32	16	16	23	12	11	9	4	5
French (7-12)	7	1	6	6	1	5	1	-	1
Spanish (7-12)	5	-	5	5	-	5	-	-	-

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Fredonia (continued)									
Biology (7-12)	19	12	7	18	11	7	1	1	-
Chemistry (7-12)	5	4	1	2	2	-	3	2	1
Physics (7-12)	2	2	-	2	2	-	-	-	-
Earth Science (7-12)	3	2	1	1	1	-	2	1	1
Music	91	44	47	74	34	40	17	10	7
Speech and Hearing Handicapped	47	4	43	43	3	40	4	1	3
Geneseo	839	169	670	662	127	535	177	42	135
School Administrator and Supervisor	4	3	1	-	-	-	4	3	1
Early Childhood Specialization	61	-	61	61	-	61	-	-	-
Elementary Teacher, N-6	286	37	249	224	26	198	62	11	51
Elementary Teacher, N-6 and English (7-9)	9	1	8	9	1	8	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	23	14	9	21	12	9	2	2	-
Elementary Teacher, N-6 and Mathematics (7-9)	17	2	15	14	1	13	3	1	2
Elementary Teacher, N-6 and French (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	2	-	2	2	-	2	-	-	-

TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Geneseo (continued)									
Elementary Teacher, N-6 and General Science (7-9)	9	5	4	7	4	3	2	1	1
English (7-12)	69	20	49	57	17	40	12	3	9
Social Studies (7-12)	42	25	17	30	17	13	12	8	4
Mathematics (7-12)	30	16	14	27	16	11	3	-	3
French (7-12)	7	1	6	6	1	5	1	-	1
Spanish (7-12)	7	3	4	6	3	3	1	-	1
Biology (7-12)	13	8	5	9	4	5	4	4	-
Chemistry (7-12)	1	-	1	1	-	1	-	-	-
Physics (7-12)	1	1	-	1	1	-	-	-	-
Earth Science (7-12)	3	3	-	3	3	-	-	-	-
Library	47	4	43	-	-	-	47	4	43
Speech	6	4	2	6	4	2	-	-	-
Speech and Hearing Handicapped	61	7	54	50	4	46	11	3	8
Physically Handicapped-Deaf	2	-	2	-	-	-	2	-	2
Mentally Retarded	138	15	123	127	13	114	11	2	9
New Paltz	940	241	699	667	161	506	273	80	193
School District Administrator	4	4	-	-	-	-	4	4	-
School Administrator and Supervisor	6	4	2	-	-	-	6	4	2
Elementary Teacher, N-6	541	91	450	345	50	295	196	41	155

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
New Paltz (continued)									
Elementary Teacher, N-6 and English (7-9)	2	1	1	1	-	1	1	1	-
Elementary Teacher, N-6 and Social Studies (7-9)	14	5	9	11	4	7	3	1	2
Elementary Teacher, N-6 and Spanish (7-9)	5	-	5	5	-	5	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	33	1	32	27	1	26	6	-	6
Elementary Teacher, N-6 and French (7-9)	1	1	-	1	1	-	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	5	5	-	2	2	-	3	3	-
English (7-12)	51	20	31	42	16	26	9	4	5
Social Studies (7-12)	58	41	17	46	32	14	12	9	3
Mathematics (7-12)	26	11	15	19	9	10	7	2	5
French (7-12)	12	-	12	7	-	7	5	-	5
German (7-12)	3	-	3	2	-	2	1	-	1
Spanish (7-12)	12	4	8	9	3	6	3	1	2
Biology (7-12)	14	6	8	7	2	5	7	4	3
Chemistry (7-12)	1	-	1	1	-	1	-	-	-
Physics (7-12)	5	5	-	5	5	-	-	-	-

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
New Paltz (continued)									
Earth Science (7-12)	9	9	-	7	7	-	2	2	-
Art	112	27	85	104	23	81	8	4	4
Speech and Hearing Handicapped	26	6	20	26	6	20	-	-	-
Oneonta	808	139	669	749	124	625	59	15	44
Guidance	16	6	10	-	-	-	16	6	10
School Nurse Teacher	25	-	25	24	-	24	1	-	1
Elementary Teacher, N-6	425	38	387	408	36	372	17	2	15
Elementary Teacher, N-6 and English (7-9)	28	3	25	28	3	25	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	22	10	12	22	10	12	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	35	5	30	34	5	29	1	-	1
Elementary Teacher, N-6 and French (7-9)	3	-	3	3	-	3	-	-	-
Elementary Teacher, N-6 and German (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	3	-	3	3	-	3	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	14	8	6	11	5	6	3	3	-

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Oneonta (continued)									
English (7-12)	47	11	36	45	11	34	2	-	2
Social Studies (7-12)	43	27	16	39	24	15	4	3	1
Mathematics (7-12)	28	12	16	26	11	15	2	1	1
French (7-12)	9	-	9	9	-	9	-	-	-
Spanish (7-12)	13	1	12	13	1	12	-	-	-
German (7-12)	2	-	2	2	-	2	-	-	-
Biology (7-12)	12	6	6	11	6	5	1	-	1
Chemistry (7-12)	1	1	-	1	1	-	-	-	-
Physics (7-12)	3	3	-	3	3	-	-	-	-
Earth Science (7-12)	4	2	2	4	2	2	-	-	-
Home Economics	50	-	50	41	-	41	9	-	9
Speech	23	6	17	20	6	14	3	-	3
Oswego	1,049	520	529	920	436	484	129	84	45
Guidance	4	1	3	-	-	-	4	1	3
School Psychologist	2	2	-	-	-	-	2	2	-
Elementary Teacher, N-6	469	113	356	434	106	328	35	7	28
English (7-12)	67	14	53	66	14	52	1	-	1
Social Studies (7-12)	63	44	19	58	40	18	5	4	1
Mathematics (7-12)	38	18	20	35	15	20	3	3	-
French (7-12)	6	1	5	6	1	5	-	-	-

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Oswego (continued)									
Spanish (7-12)	20	1	19	20	1	19	-	-	-
German (7-12)	6	1	5	6	1	5	-	-	-
Biology (7-12)	25	15	10	19	10	9	6	5	1
Chemistry (7-12)	7	5	2	7	5	2	-	-	-
Physics (7-12)	1	1	-	1	1	-	-	-	-
Earth Science (7-12)	11	5	6	10	4	6	1	1	-
Speech	3	-	3	3	-	3	-	-	-
Health	13	-	13	9	-	9	4	-	4
Industrial Arts	228	225	3	214	211	3	14	14	-
Trade Shop Subjects	84	72	12	30	25	5	54	47	7
Technical Subjects	1	1	-	1	1	-	-	-	-
Related Technical Subjects	1	1	-	1	1	-	-	-	-
Plattsburgh	653	185	468	535	138	397	118	47	71
School District Administrator	4	4	-	-	-	-	4	4	-
School Administrator and Supervisor	10	10	-	-	-	-	10	10	-
Guidance	29	19	10	15	12	3	14	7	7
School Psychologist	6	3	3	-	-	-	6	3	3
Elementary Teacher, N-6	321	47	274	274	35	239	47	12	35
Elementary Teacher, N-6 and English (7-9)	5	1	4	5	1	4	-	-	-

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Plattsburgh (continued)									
Elementary Teacher, N-6 and Social Studies (7-9)	21	11	10	19	9	10	2	2	-
Elementary Teacher, N-6 and Mathematics (7-9)	20	9	11	20	9	11	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	9	4	5	9	4	5	-	-	-
English (7-12)	46	16	30	39	14	25	7	2	5
Social Studies (7-12)	48	20	28	43	18	25	5	2	3
Mathematics (7-12)	26	13	13	22	10	12	4	3	1
Biology (7-12)	19	14	5	16	12	4	3	2	1
Chemistry (7-12)	4	3	1	4	3	1	-	-	-
Physics (7-12)	2	2	-	2	2	-	-	-	-
Earth Science (7-12)	9	9	-	9	9	-	-	-	-
Home Economics	72	-	72	56	-	56	16	-	16
Speech and Hearing Handicapped	2	-	2	2	-	2	-	-	-
Potsdam	658	149	509	576	126	450	82	23	59
Elementary Teacher, N-6	287	28	259	261	26	235	26	2	24
Elementary Teacher, N-6 and English (7-9)	10	1	9	8	1	7	2	-	2
Elementary Teacher, N-6 and Social Studies (7-9)	20	10	10	16	9	7	4	1	3

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Potsdam (continued)									
Elementary Teacher, N-6 and Mathematics (7-9)	7	-	7	7	-	7	-	-	-
Elementary Teacher, N-6 and French (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	1	-	1	1	-	1	-	-	-
English (7-12)	45	10	35	40	8	32	5	2	3
Social Studies (7-12)	46	24	22	43	22	21	3	2	1
Mathematics (7-12)	47	13	34	39	11	28	8	2	6
French (7-12)	16	2	14	15	2	13	1	-	1
Spanish (7-12)	12	-	12	12	-	12	-	-	-
Latin (7-12)	4	-	4	4	-	4	-	-	-
Biology (7-12)	8	3	5	7	3	4	1	-	1
Chemistry (7-12)	2	1	1	1	1	-	1	-	1
Physics (7-12)	3	3	-	2	2	-	1	1	-
Music	146	54	92	116	41	75	30	13	17

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TABLE 8--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Statutory Colleges	63	22	41	51	15	36	12	7	5
Agriculture and Life Sciences	21	21	-	14	14	-	7	7	-
Agriculture	21	21	-	14	14	-	7	7	-
Human Ecology	42	1	41	37	1	36	5	-	5
Elementary Teacher, N-6	18	1	17	18	1	17	-	-	-
Health	1	-	1	1	-	1	-	-	-
Home Economics	23	-	23	18	-	18	5	-	5

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TABLE 9--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT
STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended	12,341	3,830	8,511	9,480	2,835	6,645	2,861	995	1,866
School District Administrator	25	22	3	-	-	-	25	22	3
School Administrator and Supervisor	42	35	7	1	1	-	41	34	7
Early Childhood Specialization	79	1	78	79	1	78	-	-	-
Elementary Teacher, N-6	4,680	634	4,046	3,590	462[a]	3,128[a]	1,090	172	918
Elementary Teacher, N-6 and English (7-9)	147	15	132	127	10	117	20	5	15
Elementary Teacher, N-6 and Social Studies (7-9)	229	103	126	198	87	111	31	16	15
Elementary Teacher, N-6 and Mathematics (7-9)	170	56	114	147	46	101	23	10	13
Elementary Teacher, N-6 and French (7-9)	19	1	18	18	1	17	1	-	1
Elementary Teacher, N-6 and German (7-9)	4	2	2	4	2	2	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	19	-	19	19	-	19	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	72	38	34	61	29	32	11	9	2
Elementary Teacher, N-6 and Reading (7-9)	34	2	32	-	-	-	34	2	32

[a]Includes one student also recommended for certification in Music.

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TABLE 9--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended (cont.)									
Mentally Retarded	323	41	282	268	32	236	55	9	46
Physically Handicapped-Deaf	2	-	2	-	-	-	2	-	2
Physically Handicapped-Orthopedic	20	3	17	15	3	12	5	-	5
Speech and Hearing Handicapped	300	34	266	254	25	229	46	9	37
English (7-12)	989	279	710	791	219	572	198	60	138
Social Studies (7-12)	1,014	582	432	773	433	340	241	149	92
Mathematics (7-12)	546	242	304	420	178	242	126	64	62
French (7-12)	163	19	144	129	11	118	34	8	26
German (7-12)	28	3	25	18	2	16	10	1	9
Italian (7-12)	2	1	1	2	1	1	-	-	-
Latin (7-12)	15	4	11	6	1	5	9	3	6
Russian (7-12)	8	3	5	7	2	5	1	1	-
Spanish (7-12)	174	21	153	151	17	134	23	4	19
Biology (7-12)	288	161	127	203	110	93	85	51	34
Chemistry (7-12)	63	45	18	51	37	14	12	8	4
Geology	1	1	-	-	-	-	1	1	-
Physics (7-12)	37	34	3	31	28	3	6	6	-
Physic and Mathematics (7-12)	1	1	-	1	1	-	-	-	-
Earth Science (7-12)	105	80	25	73	56	17	32	24	8
Agriculture	21	21	-	14	14	-	7	7	-
Art	298	83	215	251	58	193	47	25	22
Commerce	187	73	114	121	49	72	66	24	42

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TABLE 9--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973 (Continued)

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended (cont.)									
Commerce and Distributive Occupation Subjects	18	13	5	10	5	5	8	8	-
Health	214	103	111	156	71	85	58	32	26
Health and Physical Education	1	-	1	-	-	-	1	-	1
Home Economics	228	-	228	174	-	174	54	-	54
Industrial Arts	431	426	5	359	355	4	72	71	1
Library	104	5	99	-	-	-	104	5	99
Music	249	104	145	194	78	116	55	26	29
Physical Education	620	340	280	562	302	260	58	38	20
Recreation	56	38	18	52	35	17	4	3	1
Related Technical Subjects	1	1	-	1	1	-	-	-	-
Technical Subjects	1	1	-	1	1	-	-	-	-
Trade Shop Subjects	84	72	12	30	25	5	54	47	7
Speech	55	19	36	48	19	29	7	-	7
School Dental Hygiene Teacher	8	-	8	-	-	-	8	-	8
School Nurse Teacher	25	-	25	24	-	24	1	-	1
School Psychologist	17	8	9	-	-	-	17	8	9
Guidance	124	60	64	46	27	19	78	33	45

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	12,341	3,830	8,511	9,480	2,835	6,645	2,861	995	1,866
School District Administrator	25	22	3	-	-	-	25	22	3
Albany Center	3	2	1	-	-	-	3	2	1
Buffalo Center	14	12	2	-	-	-	14	12	2
New Paltz College	4	4	-	-	-	-	4	4	-
Plattsburgh College	4	4	-	-	-	-	4	4	-
School Administrator and Supervisor	42	35	7	1	1	-	41	34	7
Buffalo Center	3	3	-	1	1	-	2	2	-
Brockport College	8	8	-	-	-	-	8	8	-
Buffalo College	9	5	4	-	-	-	9	5	4
Cortland College	2	2	-	-	-	-	2	2	-
Geneseo College	4	3	1	-	-	-	4	3	1
New Paltz College	6	4	2	-	-	-	6	4	2
Plattsburgh College	10	10	-	-	-	-	10	10	-
Early Childhood Specialization	79	1	78	79	1	78	-	-	-
Geneseo College	61	-	61	61	-	61	-	-	-
Human Ecology	18	1	17	18	1	17	-	-	-

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6	4,680	634	4,046	3,590	462	3,128	1,090	172	918
Buffalo Center	100	7	93	50	3	47	50	4	46
Stony Brook Center	237	23	214	237	23	214	-	-	-
Brockport College	683	78	605	561	64	497	122	14	108
Buffalo College	669	89	580	383	53[a]	330[a]	286	36	250
Cortland College	350	38	312	171	7	164	179	31	148
Fredonia College	312	45	267	242	33	209	70	12	58
Geneseo College	286	37	249	224	26	198	62	11	51
New Paltz College	541	91	450	345	50	295	196	41	155
Oneonta College	425	38	387	408	36	372	17	2	15
Oswego College	469	113	356	434	106	328	35	7	28
Plattsburgh College	321	47	274	274	35	239	47	12	35
Potsdam College	287	28	259	261	26	235	26	2	24
Elementary Teacher, N-6 and English (7-9)	147	15	132	127	10	117	20	5	15
Brockport College	24	3	21	18	1	17	6	2	4
Buffalo College	33	1	32	24	-	24	9	1	8
Cortland College	23	3	20	23	3	20	-	-	-
Fredonia College	13	1	12	11	-	11	2	1	1

[a]Includes one student also recommended for certification in Music.

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and English (7-9) (continued)									
Geneseo College	9	1	8	9	1	8	-	-	-
New Paltz College	2	1	1	1	-	1	1	1	-
Oneonta College	28	3	25	28	3	25	-	-	-
Plattsburgh College	5	1	4	5	1	4	-	-	-
Potsdam College	10	1	9	8	1	7	2	-	2
Elementary Teacher, N-6 and Social Studies (7-9)	229	103	126	198	87	111	31	16	15
Brockport College	32	13	19	27	9	18	5	4	1
Buffalo College	37	12	25	28	8	20	9	4	5
Cortland College	47	22	25	41	20	21	6	2	4
Fredonia College	13	6	7	13	6	7	-	-	-
Geneseo College	23	14	9	21	12	9	2	2	-
New Paltz College	14	5	9	11	4	7	3	1	2
Oneonta College	22	10	12	22	10	12	-	-	-
Plattsburgh College	21	11	10	19	9	10	2	2	-
Potsdam College	20	10	10	16	9	7	4	1	3

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and Mathematics (7-9)	170	56	114	147	46	101	23	10	13
Brockport College	10	3	7	6	1	5	4	2	?
Buffalo College	12	6	6	5	1	4	7	5	2
Cortland College	35	30	5	33	28	5	2	2	-
Fredonia College	1	-	1	1	-	1	-	-	-
Geneseo College	17	2	15	14	1	13	3	1	2
New Paltz College	33	1	32	27	1	26	6	-	6
Oneonta College	35	5	30	34	5	29	1	-	1
Plattsburgh College	20	9	11	20	9	11	-	-	-
Potsdam College	7	-	7	7	-	7	-	-	-
Elementary Teacher, N-6 and French (7-9)	19	1	18	18	1	17	1	-	1
Buffalo College	2	-	2	2	-	2	-	-	-
Cortland College	9	-	9	9	-	9	-	-	-
Fredonia College	1	-	1	-	-	-	1	-	1
Geneseo College	1	-	1	1	-	1	-	-	-
New Paltz College	1	1	-	1	1	-	-	-	-
Oneonta College	3	-	3	3	-	3	-	-	-
Potsdam College	2	-	2	2	-	2	-	-	-

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and German (7-9)	4	2	2	4	2	2	-	-	-
Cortland College	2	2	-	2	2	-	-	-	-
Oneonta College	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	19	-	19	19	-	19	-	-	-
Brockport College	3	-	3	3	-	3	-	-	-
Cortland College	4	-	4	4	-	4	-	-	-
Geneseo College	2	-	2	2	-	2	-	-	-
New Paltz College	5	-	5	5	-	5	-	-	-
Oneonta College	3	-	3	3	-	3	-	-	-
Potsdam College	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	72	38	34	61	29	32	11	9	2
Brockport College	2	2	-	2	2	-	-	-	-
Buffalo College	15	5	10	14	5	9	1	-	1
Cortland College	15	9	6	13	7	6	2	2	-
Fredonia College	2	-	2	2	-	2	-	-	-
Geneseo College	9	5	4	7	4	3	2	1	1
New Paltz College	5	5	-	2	2	-	3	3	-

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TABLE 10—EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and General Science (7-9) (continued)									
Oneonta College	14	8	6	11	5	6	3	3	-
Plattsburgh College	9	4	5	9	4	5	-	-	-
Potsdam College	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Reading (7-9)	34	2	32	-	-	-	34	2	32
Albany Center	34	2	32	-	-	-	34	2	32
Mentally Retarded	323	41	282	268	32	236	55	9	46
Buffalo College	185	26	159	141	19	122	44	7	37
Geneseo College	138	15	123	127	13	114	11	2	9
Physically Handicapped-Deaf	2	-	2	-	-	-	2	-	2
Geneseo College	2	-	2	-	-	-	2	-	2
Physically Handicapped-Orthopedic	20	3	17	15	3	12	5	-	5
Buffalo College	20	3	17	15	3	12	5	-	5

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Speech and Hearing Handicapped	300	34	266	254	25	229	46	9	37
Albany Center	72	3	69	60	1	59	12	2	10
Brockport College	28	5	23	28	5	23	-	-	-
Buffalo College	64	9	55	45	6	39	19	3	16
Fredonia College	47	4	43	43	3	40	4	1	3
Geneseo College	61	7	54	50	4	46	11	3	8
New Paltz College	26	6	20	26	6	20	-	-	-
Plattsburgh College	2	-	2	2	-	2	-	-	-
English (7-12)	989	279	710	791	219	572	198	60	138
Albany Center	197	42	155	128	21	107	69	21	48
Binghamton Center	7	4	3	-	-	-	7	4	3
Buffalo Center	142	35	107	112	30	82	30	5	25
Stony Brook Center	45	11	34	45	11	34	-	-	-
Brockport College	90	38	52	78	33	45	12	5	7
Buffalo College	94	31	63	60	20	40	34	11	23
Cortland College	32	9	23	30	9	21	2	-	2
Fredonia College	57	18	39	49	15	34	8	3	5
Geneseo College	69	20	49	57	17	40	12	3	9
New Paltz College	51	20	31	42	16	26	9	4	5
Oneonta College	47	11	36	45	11	34	2	-	2
Oswego College	67	14	53	66	14	52	1	-	1
Plattsburgh College	46	16	30	39	14	25	7	2	5
Potsdam College	45	10	35	40	8	32	5	2	3

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TABLE 10—EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Social Studies (7-12)	1,014	582	432	773	433	340	241	149	92
Albany Center	183	85	98	119	47	72	64	38	26
Binghamton Center	22	13	9	-	-	-	22	13	9
Buffalo Center	118	60	58	94	47	47	24	13	11
Stony Brook Center	91	49	42	91	49	42	-	-	-
Brockport College	87	56	31	71	50	21	16	6	10
Buffalo College	102	63	39	64	39	25	38	24	14
Cortland College	64	45	19	35	21	14	29	24	5
Fredonia College	47	30	17	40	27	13	7	3	4
Geneseo College	42	25	17	30	17	13	12	8	4
New Paltz College	58	41	17	46	32	14	12	9	3
Oneonta College	43	27	16	39	24	15	4	3	1
Oswego College	63	44	19	58	40	18	5	4	1
Plattsburgh College	48	20	28	43	18	25	5	2	3
Potsdam College	46	24	22	43	22	21	3	2	1
Mathematics (7-12)	546	242	304	420	178	242	126	64	62
Albany Center	124	51	73	82	29	53	42	22	20
Binghamton Center	10	4	6	-	-	-	10	4	6
Buffalo Center	26	12	14	20	9	11	6	3	3
Stony Brook Center	18	8	10	18	8	10	-	-	-
Brockport College	76	41	35	54	25	29	22	16	6
Buffalo College	46	20	26	40	17	23	6	3	3

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Mathematics (7-12) (continued)									
Cortland College	19	7	12	15	6	9	4	1	3
Fredonia College	32	16	16	23	12	11	9	4	5
Geneseo College	30	16	14	27	16	11	3	-	3
New Paltz College	26	11	15	19	9	10	7	2	5
Oneonta College	28	12	16	26	11	15	2	1	1
Oswego College	38	18	20	35	15	20	3	3	-
Plattsburgh College	26	13	13	22	10	12	4	3	1
Potsdam College	47	13	34	39	11	28	8	2	6
French (7-12)	163	19	144	129	11	118	34	8	26
Albany Center	32	5	27	23	2	21	9	3	6
Buffalo Center	33	5	28	21	1	20	12	4	8
Stony Brook Center	12	1	11	12	1	11	-	-	-
Brockport College	5	1	4	4	1	3	1	-	1
Buffalo College	17	1	16	17	1	16	-	-	-
Cortland College	7	1	6	3	-	3	4	1	3
Fredonia College	7	1	6	6	1	5	1	-	1
Geneseo College	7	1	6	6	1	5	1	-	1
New Paltz College	12	-	12	7	-	7	5	-	5
Oneonta College	9	-	9	9	-	9	-	-	-
Oswego College	6	1	5	6	1	5	-	-	-
Potsdam College	16	2	14	15	2	13	1	-	1

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
German (7-12)	28	3	25	18	2	16	10	1	9
Albany Center	11	2	9	4	1	3	7	1	6
Buffalo Center	4	-	4	2	-	2	2	-	2
Stony Brook Center	2	-	2	2	-	2	-	-	-
New Paltz College	3	-	3	2	-	2	1	-	1
Oneonta College	2	-	2	2	-	2	-	-	-
Oswego College	6	1	5	6	1	5	-	-	-
Italian (7-12)	2	1	1	2	1	1	-	-	-
Albany Center	1	-	1	1	-	1	-	-	-
Buffalo Center	1	1	-	1	1	-	-	-	-
Latin (7-12)	15	4	11	6	1	5	9	3	6
Albany Center	7	1	6	1	-	1	6	1	5
Buffalo Center	4	3	1	1	1	-	3	2	1
Potsdam College	4	-	4	4	-	4	-	-	-
Russian (7-12)	8	3	5	7	2	5	1	1	-
Albany Center	4	2	2	3	1	2	1	1	-
Buffalo Center	4	1	3	4	1	3	-	-	-

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Spanish (7-12)	174	21	153	151	17	134	23	4	19
Albany Center	44	3	41	34	1	33	10	2	8
Binghamton Center	1	-	1	-	-	-	1	-	1
Buffalo Center	20	3	17	13	2	11	7	1	6
Stony Brook Center	13	2	11	13	2	11	-	-	-
Brockport College	15	4	11	14	4	10	1	-	1
Buffalo College	6	-	6	6	-	6	-	-	-
Cortland College	6	-	6	6	-	6	-	-	-
Fredonia College	5	-	5	5	-	5	-	-	-
Geneseo College	7	3	4	6	3	3	1	-	1
New Paltz College	12	4	8	9	3	6	3	1	2
Oneonta College	13	1	12	13	1	12	-	-	-
Oswego College	20	1	19	20	1	19	-	-	-
Potsdam College	12	-	12	12	-	12	-	-	-
Biology (7-12)	288	161	127	203	110	93	85	51	34
Albany Center	26	13	13	11	4	7	15	9	6
Binghamton Center	12	4	8	-	-	-	12	4	8
Buffalo Center	22	14	8	17	12	5	5	2	3
Stony Brook Center	22	14	8	22	14	8	-	-	-
Brockport College	41	24	17	36	21	15	5	3	2

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Biology (7-12) (continued)									
Buffalo College	46	25	21	22	9	13	24	16	8
Cortland College	9	3	6	8	2	6	1	1	-
Fredonia College	19	12	7	18	11	7	1	1	-
Geneseo College	13	8	5	9	4	5	4	4	-
New Paltz College	14	6	8	7	2	5	7	4	3
Oneonta College	12	6	6	11	6	5	1	-	1
Oswego College	25	15	10	19	10	9	6	5	1
Plattsburgh College	19	14	5	16	12	4	3	2	1
Potsdam College	8	3	5	7	3	4	1	-	1
Chemistry (7-12)	63	45	18	51	37	14	12	8	4
Albany Center	5	3	2	5	3	2	-	-	-
Buffalo Center	10	7	3	9	7	2	1	-	1
Stony Brook Center	1	1	-	1	1	-	-	-	-
Brockport College	13	10	3	10	7	3	3	3	-
Buffalo College	12	9	3	8	6	2	4	3	1
Cortland College	1	1	-	1	1	-	-	-	-
Fredonia College	5	4	1	2	2	-	3	2	1
Geneseo College	1	-	1	1	-	1	-	-	-
New Paltz College	1	-	1	1	-	1	-	-	-

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Chemistry (7-12) (continued)									
Oneonta College	1	1	-	1	1	-	-	-	-
Oswego College	7	5	2	7	5	2	-	-	-
Plattsburgh College	4	3	1	4	3	1	-	-	-
Potsdam College	2	1	1	1	1	-	1	-	1
Geology	1	1	-	-	-	-	1	1	-
Binghamton Center	1	1	-	-	-	-	1	1	-
Physics (7-12)	37	34	3	31	28	3	6	6	-
Albany Center	8	8	-	5	5	-	3	3	-
Binghamton Center	1	1	-	-	-	-	1	1	-
Buffalo Center	4	3	1	3	2	1	1	1	-
Stony Brook Center	2	-	2	2	-	2	-	-	-
Brockport College	4	4	-	4	4	-	-	-	-
Cortland College	1	1	-	1	1	-	-	-	-
Fredonia College	2	2	-	2	2	-	-	-	-
Geneseo College	1	1	-	1	1	-	-	-	-
New Paltz College	5	5	-	5	5	-	-	-	-
Oneonta College	3	3	-	3	3	-	-	-	-
Oswego College	1	1	-	1	1	-	-	-	-
Plattsburgh College	2	2	-	2	2	-	-	-	-
Potsdam College	3	3	-	2	2	-	1	1	-

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Physics and Mathematics (7-12)	1	1	-	1	1	-	-	-	-
Cortland College	1	1	-	1	1	-	-	-	-
Earth Science (7-12)	105	80	25	73	56	17	32	24	8
Albany Center	1	1	-	1	1	-	-	-	-
Buffalo Center	5	3	2	3	2	1	2	1	1
Stony Brook Center	5	5	-	5	5	-	-	-	-
Brockport College	13	10	3	12	9	3	1	1	-
Buffalo College	40	30	10	16	12	4	24	18	6
Cortland College	2	1	1	2	1	1	-	-	-
Fredonia College	3	2	1	1	1	-	2	1	1
Geneseo College	3	3	-	3	3	-	-	-	-
New Paltz College	9	9	-	7	7	-	2	2	-
Oneonta College	4	2	2	4	2	2	-	-	-
Oswego College	11	5	6	10	4	6	1	1	-
Plattsburgh College	9	9	-	9	9	-	-	-	-
Agriculture	21	21	-	14	14	-	7	7	-
Agriculture and Life Sciences	21	21	-	14	14	-	7	7	-

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TABLE 10—EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Art	298	83	215	251	58	193	47	25	22
Buffalo Center	25	1	24	21	1	20	4	-	4
Buffalo College	161	55	106	126	34	92	35	21	14
New Paltz College	112	27	85	104	23	81	8	4	4
Commerce	187	73	114	121	49	72	66	24	42
Albany Center	146	53	93	92	33	59	54	20	34
Buffalo Center	41	20	21	29	16	13	12	4	8
Commerce and Distributive Occupation Subjects	18	13	5	10	5	5	8	8	-
Albany Center	13	8	5	5	-	5	8	8	-
Buffalo Center	5	5	-	5	5	-	-	-	-
Health	214	103	111	156	71	85	58	32	26
Buffalo Center	1	-	1	-	-	-	1	-	1
Stony Brook Center	41	21	20	13	5	8	28	16	12
Brockport College	78	47	31	72	42	30	6	5	1
Cortland College	80	35	45	61	24	37	19	11	8
Oswego College	13	-	13	9	-	9	4	-	4
Human Ecology	1	-	1	1	-	1	-	-	-

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Health and Physical Education	1	-	1	-	-	-	1	-	1
Brockport College	1	-	1	-	-	-	1	-	1
Home Economics	228	-	228	174	-	174	54	-	54
Buffalo College	83	-	83	59	-	59	24	-	24
Oneonta College	50	-	50	41	-	41	9	-	9
Plattsburgh College	72	-	72	56	-	56	16	-	16
Human Ecology	23	-	23	18	-	18	5	-	5
Industrial Arts	431	426	5	359	355	4	72	71	1
Buffalo College	203	201	2	145	144	1	58	57	1
Oswego College	228	225	3	214	211	3	14	14	-
Library	104	5	99	-	-	-	104	5	99
Albany Center	27	1	26	-	-	-	27	1	26
Buffalo Center	30	-	30	-	-	-	30	-	30
Geneseo College	47	4	43	-	-	-	47	4	43

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TABLE 10—EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Music	249	104	145	194	78	116	55	26	29
Binghamton Center	1	-	1	-	-	-	1	-	1
Buffalo Center	11	6	5	4	3	1	7	3	4
Fredonia College	91	44	47	74	34	40	17	10	7
Potsdam College	146	54	92	116	41	75	30	13	17
Physical Education	620	340	280	562	302	260	58	38	20
Buffalo Center	60	36	24	46	30	16	14	6	8
Brockport College	311	162	149	295	154	141	16	8	8
Cortland College	249	142	107	221	118	103	28	24	4
Recreation	56	38	18	52	35	17	4	3	1
Cortland College	56	38	18	52	35	17	4	3	1
Related Technical Subjects	1	1	-	1	1	-	-	-	-
Oswego College	1	1	-	1	1	-	-	-	-
Technical Subjects	1	1	-	1	1	-	-	-	-
Oswego College	1	1	-	1	1	-	-	-	-

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Trade Shop Subjects	84	72	12	30	25	5	54	47	7
Oswego College	84	72	12	30	25	5	54	47	7
Speech	55	19	36	48	19	29	7	-	7
Albany Center	2	1	1	2	1	1	-	-	-
Buffalo Center	6	1	5	4	1	3	2	-	2
Brockport College	8	5	3	8	5	3	-	-	-
Cortland College	7	2	5	5	2	3	2	-	2
Geneseo College	6	4	2	6	4	2	-	-	-
Oneonta College	23	6	17	20	6	14	3	-	3
Oswego College	3	-	3	3	-	3	-	-	-
School Dental Hygiene Teacher	8	-	8	-	-	-	8	-	8
Brockport College	8	-	8	-	-	-	8	-	8
School Nurse Teacher	25	-	25	24	-	24	1	-	1
Oneonta College	25	-	25	24	-	24	1	-	1
School Psychologist	17	8	9	-	-	-	17	8	9
Albany Center	9	3	6	-	-	-	9	3	6
Oswego College	2	2	-	-	-	-	2	2	-
Plattsburgh College	6	3	3	-	-	-	6	3	3

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TABLE 10--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1972 THROUGH JUNE 30, 1973
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Guidance	124	60	64	46	27	19	78	33	45
Albany Center	49	23	26	14	6	8	35	17	18
Buffalo Center	16	4	12	8	2	6	8	2	6
Brockport College	10	7	3	9	7	2	1	-	1
Oneonta College	16	6	10	-	-	-	16	6	10
Oswego College	4	1	3	-	-	-	4	1	3
Plattsburgh College	29	19	10	15	12	3	14	7	7

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PART IV

DETAILED TABLES, 1973-74

Institutional Summary

Institution and Certification Area

Certification Area Summary

Certification Area and Institution

TABLE 11--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974

Institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	11,201	3,383	7,818	8,475	2,507	5,968	2,726	876	1,850
University Centers	1,922	550	1,372	1,354	366	988	568	184	384
Albany	758	206	552	435	112	323	323	94	229
Binghamton	32	18	14	-	-	-	32	18	14
Buffalo	595	195	400	390	128	262	205	67	138
Stony Brook	537	131	406	529	126	403	8	5	3
University Colleges	9,122	2,754	6,368	6,999	2,087	4,912	2,123	667	1,456
Brockport	1,321	461	860	1,060	374	686	261	87	174
Buffalo	1,831	557	1,274	1,154	357	797	677	200	477
Cortland	1,048	379	669	803	305	498	245	74	171
Fredonia	626	141	485	480	107	373	146	34	112
Geneseo	713	117	596	627	90	537	86	27	59
New Paltz	950	245	705	593	149	444	357	96	261
Oneonta	698	139	559	616	120	496	82	19	63
Oswego	931	471	460	836	398	438	95	73	22
Plattsburgh	536	158	378	428	114	314	108	44	64
Potsdam	468	86	382	402	73	329	66	13	53
Statutory Colleges	157	79	78	122	54	68	35	25	10
Agriculture and Life Sciences	113	79	34	78	54	24	35	25	10
Human Ecology	44	-	44	44	-	44	-	-	-

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	11,201	3,383	7,818	8,475	2,507	5,968	2,726	876	1,850
University Centers	1,922	550	1,372	1,354	366	988	568	184	384
Albany	758	206	552	435	112	323	323	94	229
School District Administrator	11	11	-	-	-	-	11	11	-
School Administrator and Supervisor	3	1	2	-	-	-	3	1	2
Elementary Teacher, N-6 and Reading (7-9)	52	1	51	-	-	-	52	1	51
Speech and Hearing Handicapped	60	3	57	46	3	43	14	-	14
English (7-12)	150	35	115	97	22	75	53	13	40
Social Studies (7-12)	111	57	54	67	34	33	44	23	21
Mathematics (7-12)	92	26	66	72	18	54	20	8	12
French (7-12)	42	4	38	27	1	26	15	3	12
German (7-12)	8	1	7	6	1	5	2	-	2
Italian (7-12)	1	-	1	1	-	1	-	-	-
Latin (7-12)	3	1	2	2	1	1	1	-	1
Russian (7-12)	3	-	3	3	-	3	-	-	-
Spanish (7-12)	30	3	27	24	3	21	6	-	6
Biology (7-12)	18	4	14	12	3	9	6	1	5
Chemistry (7-12)	2	-	2	1	-	1	1	-	1
Physics (7-12)	4	4	-	3	3	-	1	1	-
Earth Science (7-12)	1	-	1	1	-	1	-	-	-

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Albany (continued)									
Commerce	87	26	61	51	14	37	36	12	24
Commerce and Distributive Occupation Subjects	11	6	5	8	5	3	3	1	2
Library	23	3	20	-	-	-	23	3	20
Speech	2	-	2	-	-	-	2	-	2
School Psychologist	13	5	8	-	-	-	13	5	8
Guidance	31	15	16	14	4	10	17	11	6
Binghamton	32	18	14	-	-	-	32	18	14
English (7-12)	10	4	6	-	-	-	10	4	6
Social Studies (7-12)	8	6	2	-	-	-	8	6	2
Mathematics (7-12)	5	3	2	-	-	-	5	3	2
Biology (7-12)	6	5	1	-	-	-	6	5	1
Geology	2	-	2	-	-	-	2	-	2
Music	1	-	1	-	-	-	1	-	1
Buffalo	595	195	400	390	128	262	205	67	138
School District Administrator	20	20	-	-	-	-	20	20	-
School Administrator and Supervisor	6	5	1	-	-	-	6	5	1
Elementary Teacher, N-6	75	3	72	37	1	36	38	2	36
Speech and Hearing Handicapped	3	-	3	-	-	-	3	-	3
English (7-12)	86	25	61	71	21	50	15	4	11
Social Studies (7-12)	76	38	38	61	32	29	15	6	9

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo (continued)									
Mathematics (7-12)	37	16	21	26	11	15	11	5	6
French (7-12)	26	-	26	15	-	15	11	-	11
German (7-12)	3	-	3	3	-	3	-	-	-
Russian (7-12)	3	1	2	3	1	2	-	-	-
Spanish (7-12)	18	-	18	11	-	11	7	-	7
Biology (7-12)	15	6	9	13	5	8	2	1	1
Chemistry (7-12)	6	5	1	5	4	1	1	1	-
Physics (7-12)	1	1	-	1	1	-	-	-	-
Earth Science (7-12)	3	2	1	3	2	1	-	-	-
Art	26	8	18	21	7	14	5	1	4
Commerce	54	19	35	39	12	27	15	7	8
Commerce and Distributive Occupation Subjects	5	2	3	5	2	3	-	-	-
Library	22	1	21	-	-	-	22	1	21
Music	33	12	21	11	3	8	22	9	13
Physical Education	55	25	30	47	21	26	8	4	4
Speech	6	2	4	6	2	4	-	-	-
Guidance	16	4	12	12	3	9	4	1	3

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Stony Brook	537	131	406	529	126	403	8	5	3
Elementary Teacher, N-6	292	33	259	292	33	259	-	-	-
English (7-12)	62	15	47	62	15	47	-	-	-
Social Studies (7-12)	58	30	28	58	30	28	-	-	-
Mathematics (7-12)	36	21	15	36	21	15	-	-	-
French (7-12)	14	1	13	14	1	13	-	-	-
German (7-12)	5	2	3	5	2	3	-	-	-
Spanish (7-12)	14	-	14	14	-	14	-	-	-
Biology (7-12)	23	15	8	23	15	8	-	-	-
Chemistry (7-12)	1	-	1	1	-	1	-	-	-
Physics (7-12)	2	1	1	2	1	1	-	-	-
Earth Science (7-12)	10	6	4	10	6	4	-	-	-
Health	20	7	13	12	2	10	8	5	3
University Colleges	9,122	2,754	6,368	6,999	2,087	4,912	2,123	667	1,456
Brockport	1,321	461	860	1,060	374	686	261	87	174
School Administrator and Supervisor	11	9	2	-	-	-	11	9	2
Elementary Teacher, N-6	458	57	401	339	43	296	119	14	105
Elementary Teacher, N-6 and English (7-9)	21	-	21	17	-	17	4	-	4
Elementary Teacher, N-6 and Social Studies (7-9)	21	8	13	16	6	10	5	2	3

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TABLE 12—EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Brockport (continued)									
Elementary Teacher, N-6 and Mathematics (7-9)	17	3	14	15	2	13	2	1	1
Elementary Teacher, N-6 and French (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	3	-	3	3	-	3	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	7	2	5	5	1	4	2	1	1
Speech and Hearing Handicapped	29	5	24	29	5	24	-	-	-
English (7-12)	89	20	69	71	16	55	18	4	14
Social Studies (7-12)	88	65	23	68	51	17	20	14	6
Mathematics (7-12)	66	30	36	55	24	31	11	6	5
French (7-12)	10	2	8	10	2	8	-	-	-
Spanish (7-12)	14	2	12	14	2	12	-	-	-
Biology (7-12)	28	18	10	25	16	9	3	2	1
Chemistry (7-12)	8	5	3	8	5	3	-	-	-
Physics (7-12)	1	1	-	-	-	-	1	1	-
Earth Science (7-12)	17	14	3	17	14	3	-	-	-
Health	109	62	47	77	45	32	32	17	15
Physical Education	295	147	148	274	138	136	21	9	12
Health and Physical Education	10	7	3	1	1	-	9	6	3

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Brockport (continued)									
Speech	9	2	7	9	2	7	-	-	-
School Dental Hygiene Teacher	1	-	1	-	-	-	1	-	1
Guidance	8	2	6	6	1	5	2	1	1
Buffalo	1,831	557	1,274	1,154	357	797	677	200	477
School Administrator and Supervisor	8	4	4	-	-	-	8	4	4
Elementary Teacher, N-6	685	84	601	350	44[a]	306	335	40	295
Elementary Teacher, N-6 and English (7-9)	18	3	15	16	2	14	2	1	1
Elementary Teacher, N-6 and Social Studies (7-9)	15	5	10	13	3	10	2	2	-
Elementary Teacher, N-6 and Mathematics (7-9)	19	11	8	6	1	5	13	10	3
Elementary Teacher, N-6 and French (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	8	2	6	6	1	5	2	1	1

[a]Includes two students also recommended for certification in Music.

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TABLE 12—EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo (continued)									
Mentally Retarded	175	27	148	137	19	118	38	8	30
Physically Handicapped-Orthopedic	26	5	21	25	4	21	1	1	-
Speech and Hearing Handicapped	47	4	43	37	1	36	10	3	7
English (7-12)	109	44	65	54	21	33	55	23	32
Social Studies (7-12)	108	69	39	66	47	19	42	22	20
Mathematics (7-12)	53	21	32	30	12	18	23	9	14
French (7-12)	11	1	10	11	1	10	-	-	-
Italian (7-12)	1	-	1	1	-	1	-	-	-
Spanish (7-12)	8	2	6	8	2	6	-	-	-
Biology (7-12)	33	14	19	17	5	12	16	9	7
Chemistry (7-12)	11	8	3	7	5	2	4	3	1
Physics (7-12)	2	2	-	2	2	-	-	-	-
Earth Science (7-12)	15	11	4	11	8	3	4	3	1
Art	175	49	126	148	41	107	27	8	19
Commerce and Distributive Occupation Subjects	13	7	6	13	7	6	-	-	-
Home Economics	104	1	103	63	1	62	41	-	41
Industrial Arts	184	183	1	130	130	-	54	53	1

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Cortland	1,048	379	669	803	305	498	245	74	171
School Administrator and Supervisor	6	6	-	-	-	-	6	6	-
Elementary Teacher, N-6	362	44	318	206	22	184	156	22	134
Elementary Teacher, N-6 and English (7-9)	16	3	13	14	3	11	2	-	2
Elementary Teacher, N-6 and Social Studies (7-9)	35	15	20	30	12	18	5	3	2
Elementary Teacher, N-6 and Mathematics (7-9)	36	6	30	33	5	28	3	1	2
Elementary Teacher, N-6 and French (7-9)	9	-	9	9	-	9	-	-	-
Elementary Teacher, N-6 and German (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	4	-	4	4	-	4	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	13	3	10	12	2	10	1	1	-
English (7-12)	26	5	21	21	4	17	5	1	4
Social Studies (7-12)	65	52	13	52	42	10	13	10	3
Mathematics (7-12)	11	8	3	11	8	3	-	-	-
French (7-12)	10	1	9	5	-	5	5	1	4
Spanish (7-12)	9	1	8	9	1	8	-	-	-

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Cortland (continued)									
Biology (7-12)	10	5	5	8	4	4	2	1	1
Chemistry (7-12)	3	2	1	1	1	-	2	1	1
Physics (7-12)	2	2	-	2	2	-	-	-	-
Earth Science (7-12)	3	2	1	3	2	1	-	-	-
Health	101	40	61	92	38	54	9	2	7
Physical Education	251	134	117	224	115	109	27	19	8
Recreation	70	48	22	63	43	20	7	5	2
Speech	5	2	3	3	1	2	2	1	1
Fredonia	626	141	485	480	107	373	146	34	112
Early Childhood Specialization	32	1	31	32	1	31	-	-	-
Elementary Teacher, N-6	284	35	249	206	26	180	78	9	69
Elementary Teacher, N-6 and English (7-9)	10	1	9	10	1	9	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	17	2	15	14	1	13	3	1	2
Elementary Teacher, N-6 and Mathematics (7-9)	2	1	1	2	1	1	-	-	-
Elementary Teacher, N-6 and French (7-9)	2	-	2	1	-	1	1	-	1
Elementary Teacher, N-6 and General Science (7-9)	4	1	3	4	1	3	-	-	-

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Fredonia (continued)									
Speech and Hearing Handicapped	51	6	45	41	3	38	10	3	7
English (7-12)	52	10	42	35	8	27	17	2	15
Social Studies (7-12)	28	19	9	24	16	8	4	3	1
Mathematics (7-12)	24	13	11	20	11	9	4	2	2
French (7-12)	11	-	11	10	-	10	1	-	1
German (7-12)	2	-	2	2	-	2	-	-	-
Spanish (7-12)	5	-	5	5	-	5	-	-	-
Biology (7-12)	11	6	5	10	5	5	1	1	-
Chemistry (7-12)	4	2	2	2	2	-	2	-	2
Earth Science (7-12)	5	5	-	3	3	-	2	2	-
Music	82	39	43	59	28	31	23	11	12
Geneseo	713	117	596	627	90	537	86	27	59
School Administrator and Supervisor	1	1	-	-	-	-	1	1	-
Early Childhood Specialization	60	-	60	60	-	60	-	-	-
Elementary Teacher, N-6	201	17	184	170	11	159	31	6	25
Elementary Teacher, N-6 and English (7-9)	20	2	18	16	1	15	4	1	3
Elementary Teacher, N-6 and Social Studies (7-9)	18	5	13	16	3	13	2	2	-

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Geneseo (continued)									
Elementary Teacher, N-6 and Mathematics (7-9)	9	2	7	9	2	7	-	-	-
Elementary Teacher, N-6 and French (7-9)	3	-	3	3	-	3	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	6	2	4	6	2	4	-	-	-
Mentally Retarded[a]	124	21	103	114	18	96	10	3	7
Physically Handicapped-Deaf	5	3	2	-	-	-	5	3	2
Speech and Hearing Handicapped	112	13	99	97	10	87	15	3	12
English (7-12)	46	10	36	42	9	33	4	1	3
Social Studies (7-12)	42	17	25	33	12	21	9	5	4
Mathematics (7-12)	23	7	16	23	7	16	-	-	-
French (7-12)	11	-	11	10	-	10	1	-	1
Spanish (7-12)	10	3	7	7	2	5	3	1	2
Biology (7-12)	8	4	4	8	4	4	-	-	-
Chemistry (7-12)	3	3	-	2	2	-	1	1	-
Physics (7-12)	4	2	2	4	2	2	-	-	-
Speech	7	5	2	7	5	2	-	-	-

[a]These students also recommended for certification as Elementary Teacher, N-6.

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TABLE 12—EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
New Paltz	950	245	705	593	149	444	357	96	261
School District Administrator	4	4	-	-	-	-	4	4	-
School Administrator and Supervisor	8	8	-	-	-	-	8	8	-
Elementary Teacher, N-6	525	82	443	267	41	226	258	41	217
Elementary Teacher, N-6 and English (7-9)	4	1	3	3	1	2	1	-	1
Elementary Teacher, N-6 and Social Studies (7-9)	10	2	8	8	2	6	2	-	2
Elementary Teacher, N-6 and Mathematics (7-9)	14	3	11	13	3	10	1	-	1
Elementary Teacher, N-6 and French (7-9)	3	-	3	2	-	2	1	-	1
Elementary Teacher, N-6 and General Science (7-9)	3	3	-	1	1	-	2	2	-
Mentally Retarded	6	2	4	-	-	-	6	2	4
Speech and Hearing Handicapped	46	4	42	46	4	42	-	-	-
English (7-12)	49	24	25	39	18	21	10	6	4
Social Studies (7-12)	64	40	24	41	27	14	23	13	10
Mathematics (7-12)	23	13	10	15	7	8	8	6	2
French (7-12)	18	5	13	11	3	8	7	2	5
German (7-12)	4	1	3	4	1	3	-	-	-

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
New Paltz (continued)									
Spanish (7-12)	21	10	11	19	9	10	2	1	1
Biology (7-12)	8	4	4	5	1	4	3	3	-
Chemistry (7-12)	2	2	-	1	1	-	1	1	-
Physics (7-12)	3	1	2	2	-	2	1	1	-
Earth Science (7-12)	5	3	2	3	2	1	2	1	1
Art	130	33	97	113	28	85	17	5	12
Oneonta	698	139	559	616	120	496	82	19	63
Elementary Teacher, N-6	358	35	323	316	28	288	42	7	35
Elementary Teacher, N-6 and English (7-9)	12	1	11	12	1	11	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	13	5	8	12	4	8	1	1	-
Elementary Teacher, N-6 and Mathematics (7-9)	28	5	23	28	5	23	-	-	-
Elementary Teacher, N-6 and French (7-9)	4	-	4	4	-	4	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	3	1	2	3	1	2	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	18	5	13	16	4	12	2	1	1

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Oneonta (continued)									
English (7-12)	50	17	33	49	17	32	1	-	1
Social Studies (7-12)	31	19	12	28	19	9	3	-	3
Mathematics (7-12)	34	18	16	31	16	15	3	2	1
French (7-12)	13	2	11	13	2	11	-	-	-
German (7-12)	3	-	3	3	-	3	-	-	-
Spanish (7-12)	7	-	7	7	-	7	-	-	-
Biology (7-12)	15	10	5	14	9	5	1	1	-
Chemistry (7-12)	7	4	3	6	4	2	1	-	1
Physics (7-12)	3	2	1	1	1	-	2	1	1
Earth Science (7-12)	9	6	3	8	5	3	1	1	-
Home Economics	62	-	62	55	-	55	7	-	7
Speech	11	5	6	7	3	4	4	2	2
School Nurse Teacher	13	1	12	3	1	2	10	-	10
Guidance	4	3	1	-	-	-	4	3	1
Oswego	931	471	460	836	398	438	95	73	22
School Administrator and Supervisor	2	2	-	-	-	-	2	2	-
Elementary Teacher, N-6	369	52	317	356	49	307	13	3	10
English (7-12)	61	20	41	57	18	39	4	2	2
Social Studies (7-12)	48	37	11	47	36	11	1	1	-
Mathematics (7-12)	43	14	29	43	14	29	-	-	-

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cjr

TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Oswego (continued)									
French (7-12)	13	-	13	13	-	13	-	-	-
German (7-12)	3	1	2	3	1	2	-	-	-
Spanish (7-12)	13	2	11	13	2	11	-	-	-
Biology (7-12)	18	10	8	16	8	8	2	2	-
Chemistry (7-12)	2	-	2	2	-	2	-	-	-
Physics (7-12)	3	3	-	3	3	-	-	-	-
Earth Science (7-12)	3	3	-	3	3	-	-	-	-
Health	11	-	11	8	-	8	3	-	3
Speech	4	2	2	4	2	2	-	-	-
Industrial Arts	197	197	-	190	190	-	7	7	-
Trade Shop Subjects	108	97	11	56	50	6	52	47	5
Technical Subjects	22	22	-	22	22	-	-	-	-
Related Technical Subjects	1	1	-	-	-	-	1	1	-
School Psychologist	6	6	-	-	-	-	6	6	-
Guidance	4	2	2	-	-	-	4	2	2
Plattsburgh	536	158	378	428	114	314	108	44	64
School Administrator and Supervisor	4	4	-	-	-	-	4	4	-
Elementary Teacher, N-6	255	42	213	212	34	178	43	8	35
Elementary Teacher, N-6 and English (7-9)	4	-	4	3	-	3	1	-	1

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Plattsburgh (continued)									
Elementary Teacher, N-6 and Social Studies (7-9)	21	13	8	17	10	7	4	3	1
Elementary Teacher, N-6 and Mathematics (7-9)	17	9	8	11	6	5	6	3	3
Elementary Teacher, N-6 and General Science (7-9)	11	8	3	9	7	2	2	1	1
Speech and Hearing Handicapped	13	1	12	13	1	12	-	-	-
English (7-12)	30	10	20	26	9	17	4	1	3
Social Studies (7-12)	42	30	12	35	24	11	7	6	1
Mathematics (7-12)	25	10	15	23	9	14	2	1	1
French (7-12)	1	-	1	1	-	1	-	-	-
Biology (7-12)	6	3	3	6	3	3	-	-	-
Chemistry (7-12)	6	3	3	6	3	3	-	-	-
Physics (7-12)	1	1	-	1	1	-	-	-	-
Earth Science (7-12)	5	2	3	5	2	3	-	-	-
Home Economics	60	-	60	49	-	49	11	-	11
School Psychologist	4	1	3	-	-	-	4	1	3
Guidance	31	21	10	11	5	6	20	16	4
Potsdam	468	86	382	402	73	329	66	13	53
Elementary Teacher, N-6	186	10	176	157	8	149	29	2	27
Elementary Teacher, N-6 and English (7-9)	7	1	6	4	1	3	3	-	3

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TABLE 12—EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Potsdam (continued)									
Elementary Teacher, N-6 and Social Studies (7-9)	8	1	7	8	1	7	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	9	1	8	8	1	7	1	-	1
Elementary Teacher, N-6 and General Science (7-9)	3	1	2	3	1	2	-	-	-
English (7-12)	37	2	35	33	1	32	4	1	3
Social Studies (7-12)	34	16	18	30	15	15	4	1	3
Mathematics (7-12)	34	11	23	33	11	22	1	-	1
French (7-12)	12	2	10	9	1	8	3	1	2
Latin (7-12)	2	-	2	2	-	2	-	-	-
Spanish (7-12)	8	-	8	8	-	8	-	-	-
Biology (7-12)	6	2	4	3	1	2	3	1	2
Chemistry (7-12)	1	-	1	1	-	1	-	-	-
Earth Science (7-12)	1	-	1	1	-	1	-	-	-
Music	120	39	81	102	32	70	18	7	11
Statutory Colleges	157	79	78	122	54	68	35	25	10
Agriculture and Life Sciences	113	79	34	78	54	24	35	25	10
Biology (7-12)	31	19	12	21	12	9	10	7	3
Chemistry (7-12)	8	5	3	6	4	2	2	1	1
Physics (7-12)	7	4	3	4	2	2	3	2	1

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TABLE 12--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Agriculture and Life Sciences (continued)									
General Science (7-12)	32	19	13	22	13	9	10	6	4
Earth Science (7-12)	9	6	3	6	4	2	3	2	1
Agriculture	26	26	-	19	19	-	7	7	-
Human Ecology	44	-	44	44	-	44	-	-	-
Early Childhood Specialization	22	-	22	22	-	22	-	-	-
Home Economics	20	-	20	20	-	20	-	-	-
Health Education	2	-	2	2	-	2	-	-	-

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TABLE 13--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended	11,201	3,383	7,818	8,475	2,507	5,968	2,726	876	1,850
School District Administrator	35	35	-	-	-	-	35	35	-
School Administrator and Supervisor	49	40	9	-	-	-	49	40	9
Early Childhood Specialization	114	1	113	114	1	113	-	-	-
Elementary Teacher, N-6	4,050	494	3,556	2,908	340[a]	2,568	1,142	154	988
Elementary Teacher, N-6 and English (7-9)	112	12	100	95	10	85	17	2	15
Elementary Teacher, N-6 and Social Studies (7-9)	158	56	102	134	42	92	24	14	10
Elementary Teacher, N-6 and Mathematics (7-9)	151	41	110	125	26	99	26	15	11
Elementary Teacher, N-6 and French (7-9)	23	-	23	21	-	21	2	-	2
Elementary Teacher, N-6 and German (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	12	1	11	12	1	11	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	73	27	46	62	20	42	11	7	4
Elementary Teacher, N-6 and Reading (7-9)	52	1	51	-	-	-	52	1	51

[a]Includes two students also recommended for certification in Music.

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TABLE 13--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974 (Continued)

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended (cont.)									
Mentally Retarded[a]	305	50	255	251	37	214	54	13	41
Physically Handicapped-Deaf	5	3	2	-	-	-	5	3	2
Physically Handicapped-Orthopedic	26	5	21	25	4	21	1	1	-
Speech and Hearing Handicapped	361	36	325	309	27	282	52	9	43
English (7-12)	857	241	616	657	179	478	200	62	138
Social Studies (7-12)	803	495	308	610	385	225	193	110	83
Mathematics (7-12)	506	211	295	418	169	249	88	42	46
French (7-12)	192	18	174	149	11	138	43	7	36
German (7-12)	28	5	23	26	5	21	2	-	2
Italian (7-12)	2	-	2	2	-	2	-	-	-
Latin (7-12)	5	1	4	4	1	3	1	-	1
Russian (7-12)	6	1	5	6	1	5	-	-	-
Spanish (7-12)	157	23	134	139	21	118	18	2	16
Biology (7-12)	236	125	111	181	91	90	55	34	21
Chemistry (7-12)	64	39	25	49	31	18	15	8	7
Geology	2	-	2	-	-	-	2	-	2
Physics (7-12)	33	24	9	25	18	7	8	6	2
Earth Science (7-12)	86	60	26	74	51	23	12	9	3

[a]Includes 124 students also recommended for certification as Elementary Teacher, N-6.

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TABLE 13--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974 (Continued)

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended (cont.)									
General Science (7-12)	32	19	13	22	13	9	10	6	4
Agriculture	26	26	-	19	19	-	7	7	-
Art	331	90	241	282	76	206	49	14	35
Commerce	141	45	96	90	26	64	51	19	32
Commerce and Distributive Occupation Subjects	29	15	14	26	14	12	3	1	2
Health	243	109	134	191	85	106	52	24	28
Health and Physical Education	10	7	3	1	1	-	9	6	3
Home Economics	246	1	245	187	1	186	59	-	59
Industrial Arts	381	380	1	320	320	-	61	60	1
Library	45	4	41	-	-	-	45	4	41
Music	236	90	146	172	63	109	64	27	37
Physical Education	601	306	295	545	274	271	56	32	24
Recreation	70	48	22	63	43	20	7	5	2
Related Technical Subjects	1	1	-	-	-	-	1	1	-
Technical Subjects	22	22	-	22	22	-	-	-	-
Trade Shop Subjects	108	97	11	56	50	6	52	47	5
Speech	44	18	26	36	15	21	8	3	5
School Dental Hygiene Teacher	1	-	1	-	-	-	1	-	1
School Nurse Teacher	13	1	12	3	1	2	10	-	10
School Psychologist	23	12	11	-	-	-	23	12	11
Guidance	94	47	47	43	13	30	51	34	17

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	11,201	3,383	7,818	8,475	2,507	5,968	2,726	876	1,850
School District Administrator	35	35	-	-	-	-	35	35	-
Albany Center	11	11	-	-	-	-	11	11	-
Buffalo Center	20	20	-	-	-	-	20	20	-
New Paltz College	4	4	-	-	-	-	4	4	-
School Administrator and Supervisor	49	40	9	-	-	-	49	40	9
Albany Center	3	1	2	-	-	-	3	1	2
Buffalo Center	6	5	1	-	-	-	6	5	1
Brockport College	11	9	2	-	-	-	11	9	2
Buffalo College	8	4	4	-	-	-	8	4	4
Cortland College	6	6	-	-	-	-	6	6	-
Geneseo College	1	1	-	-	-	-	1	1	-
New Paltz College	8	8	-	-	-	-	8	8	-
Oswego College	2	2	-	-	-	-	2	2	-
Plattsburgh College	4	4	-	-	-	-	4	4	-
Early Childhood Specialization	114	1	113	114	1	113	-	-	-
Fredonia College	32	1	31	32	1	31	-	-	-
Geneseo College	60	-	60	60	-	60	-	-	-
Human Ecology	22	-	22	22	-	22	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6	4,048	492	3,556	2,906	338	2,568	1,142	154	988
Buffalo Center	75	3	72	37	1	36	38	2	36
Stony Brook Center	292	33	259	292	33	259	-	-	-
[illegible]port College	458	57	401	339	43	296	119	14	105
[illegible] College	685	84	601	350	44[a]	306	335	40	295
[illegible] College	362	44	318	206	22	184	156	22	134
Fre[illegible] College	284	35	249	206	26	180	78	9	69
Geneseo College	201	17	184	170	11	159	31	6	25
New Paltz College	525	82	443	267	41	226	258	41	217
Oneonta College	358	35	323	316	28	288	42	7	35
Oswego College	369	52	317	356	49	307	13	3	10
Plattsburgh College	255	42	213	212	34	178	43	8	35
Potsdam College	186	10	176	157	8	149	29	2	27
Elementary Teacher, N-6 and English (7-9)	112	12	100	95	10	85	17	2	15
Brockport College	21	-	21	17	-	17	4	-	4
Buffalo College	18	3	15	16	2	14	2	1	1
Cortland College	16	3	13	14	3	11	2	-	2
Fredonia College	10	1	9	10	1	9	-	-	-
Geneseo College	20	2	18	16	1	15	4	1	3

[a]Includes two students also recommended for certification in Music.

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and English (7-9) (continued)									
New Paltz College	4	1	3	3	1	2	1	-	1
Oneonta College	12	1	11	12	1	11	-	-	-
Plattsburgh College	4	-	4	3	-	3	1	-	1
Potsdam College	7	1	6	4	1	3	3	-	3
Elementary Teacher, N-6 and Social Studies (7-9)	158	56	102	134	42	92	24	14	10
Brockport College	21	8	13	16	6	10	5	2	3
Buffalo College	15	5	10	13	3	10	2	2	-
Cortland College	35	15	20	30	12	18	5	3	2
Fredonia College	17	2	15	14	1	13	3	1	2
Geneseo College	18	5	13	16	3	13	2	2	-
New Paltz College	10	2	8	8	2	6	2	-	2
Oneonta College	13	5	8	12	4	8	1	1	-
Plattsburgh College	21	13	8	17	10	7	4	3	1
Potsdam College	8	1	7	8	1	7	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and Mathematics (7-9)	151	41	110	125	26	99	26	15	11
Brockport College	17	3	14	15	2	13	2	1	1
Buffalo College	19	11	8	6	1	5	13	10	3
Cortland College	36	6	30	33	5	28	3	1	2
Fredonia College	2	1	1	2	1	1	-	-	-
Geneseo College	9	2	7	9	2	7	-	-	-
New Paltz College	14	3	11	13	3	10	1	-	1
Oneonta College	28	5	23	28	5	23	-	-	-
Plattsburgh College	17	9	8	11	6	5	6	3	3
Potsdam College	9	1	8	8	1	7	1	-	1
Elementary Teacher, N-6 and French (7-9)	23	-	23	21	-	21	2	-	2
Brockport College	1	-	1	1	-	1	-	-	-
Buffalo College	1	-	1	1	-	1	-	-	-
Cortland College	9	-	9	9	-	9	-	-	-
Fredonia College	2	-	2	1	-	1	1	-	1
Geneseo College	3	-	3	3	-	3	-	-	-
New Paltz College	3	-	3	2	-	2	1	-	1
Oneonta College	4	-	4	4	-	4	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and German (7-9)	1	-	1	1	-	1	-	-	-
Cortland College	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	12	1	11	12	1	11	-	-	-
Brockport College	3	-	3	3	-	3	-	-	-
Buffalo College	2	-	2	2	-	2	-	-	-
Cortland College	4	-	4	4	-	4	-	-	-
Oneonta College	3	1	2	3	1	2	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	73	27	46	62	20	42	11	7	4
Brockport College	7	2	5	5	1	4	2	1	1
Buffalo College	8	2	6	6	1	5	2	1	1
Cortland College	13	3	10	12	2	10	1	1	-
Fredonia College	4	1	3	4	1	3	-	-	-
Geneseo College	6	2	4	6	2	4	-	-	-
New Paltz College	3	3	-	1	1	-	2	2	-
Oneonta College	18	5	13	16	4	12	2	1	1
Plattsburgh College	11	8	3	9	7	2	2	1	1
Potsdam College	3	1	2	3	1	2	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and Reading (7-9)	52	1	51	-	-	-	52	1	51
Albany Center	52	1	51	-	-	-	52	1	51
Mentally Retarded	181	29	152	137	19	118	44	10	34
Buffalo College	175	27	148	137	19	118	38	8	30
New Paltz College	6	2	4	-	-	-	6	2	4
Mentally Retarded and Elementary Teacher, N-6	124	21	103	114	18	96	10	3	7
Geneseo College	124	21	103	114	18	96	10	3	7
Physically Handicapped-Deaf	5	3	2	-	-	-	5	3	2
Geneseo College	5	3	2	-	-	-	5	3	2
Physically Handicapped-Orthopedic	26	5	21	25	4	21	1	1	-
Buffalo College	26	5	21	25	4	21	1	1	-
Speech and Hearing Handicapped	361	36	325	309	27	282	52	9	43
Albany Center	60	3	57	46	3	43	14	-	14
Buffalo Center	3	-	3	-	-	-	3	-	3

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Speech and Hearing Handicapped (continued)									
Brockport College	29	5	24	29	5	24	-	-	-
Buffalo College	47	4	43	37	1	36	10	3	7
Fredonia College	51	6	45	41	3	38	10	3	7
Geneseo College	112	13	99	97	10	87	15	3	12
New Paltz College	46	4	42	46	4	42	-	-	-
Plattsburgh College	13	1	12	13	1	12	-	-	-
English (7-12)	857	241	616	657	179	478	200	62	138
Albany Center	150	35	115	97	22	75	53	13	40
Binghamton Center	10	4	6	-	-	-	10	4	6
Buffalo Center	86	25	61	71	21	50	15	4	11
Stony Brook Center	62	15	47	62	15	47	-	-	-
Brockport College	89	20	69	71	16	55	18	4	14
Buffalo College	109	44	65	54	21	33	55	23	32
Cortland College	26	5	21	21	4	17	5	1	4
Fredonia College	52	10	42	35	8	27	17	2	15
Geneseo College	46	10	36	42	9	33	4	1	3
New Paltz College	49	24	25	39	18	21	10	6	4
Oneonta College	50	17	33	49	17	32	1	-	1
Oswego College	61	20	41	57	18	39	4	2	2

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974 (Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
English (7-12) (continued)									
Plattsburgh College	30	10	20	26	9	17	4	1	3
Potsdam College	37	2	35	33	1	32	4	1	3
Social Studies (7-12)	803	495	308	610	385	225	193	112	83
Albany Center	111	57	54	67	34	33	44	23	21
Binghamton Center	8	6	2	-	-	-	8	6	2
Buffalo Center	76	38	38	61	32	29	15	6	9
Stony Brook Center	58	30	28	58	30	28	-	-	-
Brockport College	88	65	23	68	51	17	20	14	6
Buffalo College	108	69	39	66	47	19	42	22	20
Cortland College	65	52	13	52	42	10	13	10	3
Fredonia College	28	19	9	24	16	8	4	3	1
Geneseo College	42	17	25	33	12	21	9	5	4
New Paltz College	64	40	24	41	27	14	23	13	10
Oneonta College	31	19	12	28	19	9	3	-	3
Oswego College	48	37	11	47	36	11	1	1	-
Plattsburgh College	42	30	12	35	24	11	7	6	1
Potsdam College	34	16	18	30	15	15	4	1	3

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Mathematics (7-12)	506	211	295	418	169	249	88	42	46
Albany Center	92	26	66	72	18	54	20	8	12
Binghamton Center	5	3	2	-	-	-	5	3	2
Buffalo Center	37	16	21	26	11	15	11	5	6
Stony Brook Center	36	21	15	36	21	15	-	-	-
Brockport College	66	30	36	55	24	31	11	6	5
Buffalo College	53	21	32	30	12	18	23	9	14
Cortland College	11	8	3	11	8	3	-	-	-
Fredonia College	24	13	11	20	11	9	4	2	2
Geneseo College	23	7	16	23	7	16	-	-	-
New Paltz College	23	13	10	15	7	8	8	6	2
Oneonta College	34	18	16	31	16	15	3	2	1
Oswego College	43	14	29	43	14	29	-	-	-
Plattsburgh College	25	10	15	23	9	14	2	1	1
Potsdam College	34	11	23	33	11	22	1	-	1
French (7-12)	192	18	174	149	11	138	43	7	36
Albany Center	42	4	38	27	1	26	15	3	12
Buffalo Center	26	-	26	15	-	15	11	-	11
Stony Brook Center	14	1	13	14	1	13	-	-	-
Brockport College	10	2	8	10	2	8	-	-	-
Buffalo College	11	1	10	11	1	10	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974 (Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
French (7-12) (continued)									
Cortland College	10	1	9	5	-	5	5	1	4
Fredonia College	11	-	11	10	-	10	1	-	1
Geneseo College	11	-	11	10	-	10	1	-	1
New Paltz College	18	5	13	11	3	8	7	2	5
Oneonta College	13	2	11	13	2	11	-	-	-
Oswego College	13	-	13	13	-	13	-	-	-
Plattsburgh College	1	-	1	1	-	1	-	-	-
Potsdam College	12	2	10	9	1	8	3	1	2
German (7-12)	28	5	23	26	5	21	2	-	2
Albany Center	8	1	7	6	1	5	2	-	2
Buffalo Center	3	-	3	3	-	3	-	-	-
Stony Brook Center	5	2	3	5	2	3	-	-	-
Fredonia College	2	-	2	2	-	2	-	-	-
New Paltz College	4	1	3	4	1	3	-	-	-
Oneonta College	3	-	3	3	-	3	-	-	-
Oswego College	3	1	2	3	1	2	-	-	-
Italian (7-12)	2	-	2	2	-	2	-	-	-
Albany Center	1	-	1	1	-	1	-	-	-
Buffalo College	1	-	1	1	-	1	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Latin (7-12)	5	1	4	4	1	3	1	-	1
Albany Center	3	1	2	2	1	1	1	-	1
Potsdam College	2	-	2	2	-	2	-	-	-
Russian (7-12)	6	1	5	6	1	5	-	-	-
Albany Center	3	-	3	3	-	3	-	-	-
Buffalo Center	3	1	2	3	1	2	-	-	-
Spanish (7-12)	157	23	134	139	21	118	18	2	16
Albany Center	30	3	27	24	3	21	6	-	6
Buffalo Center	18	-	18	11	-	11	7	-	7
Stony Brook Center	14	-	14	14	-	14	-	-	-
Brockport College	14	2	12	14	2	12	-	-	-
Buffalo College	8	2	6	8	2	6	-	-	-
Cortland College	9	1	8	9	1	8	-	-	-
Fredonia College	5	-	5	5	-	5	-	-	-
Geneseo College	10	3	7	7	2	5	3	1	2
New Paltz College	21	10	11	19	9	10	2	1	1
Oneonta College	7	-	7	7	-	7	-	-	-
Oswego College	13	2	11	13	2	11	-	-	-
Potsdam College	8	-	8	8	-	8	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Biology (7-12)	236	125	111	181	91	90	55	34	21
Albany Center	18	4	14	12	3	9	6	1	5
Binghamton Center	6	5	1	-	-	-	6	5	1
Buffalo Center	15	6	9	13	5	8	2	1	1
Stony Brook Center	23	15	8	23	15	8	-	-	-
Brockport College	28	18	10	25	16	9	3	2	1
Buffalo College	33	14	19	17	5	12	16	9	7
Cortland College	10	5	5	8	4	4	2	1	1
Fredonia College	11	6	5	10	5	5	1	1	-
Geneseo College	8	4	4	8	4	4	-	-	-
New Paltz College	8	4	4	5	1	4	3	3	-
Oneonta College	15	10	5	14	9	5	1	1	-
Oswego College	18	10	8	16	8	8	2	2	-
Plattsburgh College	6	3	3	6	3	3	-	-	-
Potsdam College	6	2	4	3	1	2	3	1	2
Agriculture and Life Sciences	31	19	12	21	12	9	10	7	3
Chemistry (7-12)	64	39	25	49	31	18	15	8	7
Albany Center	2	-	2	1	-	1	1	-	1
Buffalo Center	6	5	1	5	4	1	1	1	-
Stony Brook Center	1	-	1	1	-	1	-	-	-
Brockport College	8	5	3	8	5	3	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Physics (7-12) (continued)									
Geneseo College	4	2	2	4	2	2	-	-	-
New Paltz College	3	1	2	2	-	2	1	1	-
Oneonta College	3	2	1	1	1	-	2	1	1
Oswego College	3	3	-	3	3	-	-	-	-
Plattsburgh College	1	1	-	1	1	-	-	-	-
Agriculture and Life Sciences	7	4	3	4	2	2	3	2	1
Earth Science (7-12)	86	60	26	74	51	23	12	9	3
Albany Center	1	-	1	1	-	1	-	-	-
Buffalo Center	3	2	1	3	2	1	-	-	-
Stony Brook Center	10	6	4	10	6	4	-	-	-
Brockport College	17	14	3	17	14	3	-	-	-
Buffalo College	15	11	4	11	8	3	4	3	1
Cortland College	3	2	1	3	2	1	-	-	-
Fredonia College	5	5	-	3	3	-	2	2	-
New Paltz College	5	3	2	3	2	1	2	1	1
Oneonta College	9	6	3	8	5	3	1	1	-
Oswego College	3	3	-	3	3	-	-	-	-
Plattsburgh College	5	2	3	5	2	3	-	-	-
Potsdam College	1	-	1	1	-	1	-	-	-
Agriculture and Life Sciences	9	6	3	6	4	2	3	2	1

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION ... OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Chemistry (7-12) (continued)									
Buffalo College	11	8	3	7	5	2	4	3	1
Cortland College	3	2	1	1	1	-	2	1	1
Fredonia College	4	2	2	2	2	-	2	-	2
Geneseo College	3	3	-	2	2	-	1	1	-
New Paltz College	2	2	-	1	1	-	1	1	-
Oneonta College	7	4	3	6	4	2	1	-	1
Oswego College	2	-	2	2	-	2	-	-	-
Plattsburgh College	6	3	3	6	3	3	-	-	-
Potsdam College	1	-	1	1	-	1	-	-	-
Agriculture and Life Sciences	8	5	3	6	4	2	2	1	1
Geology	2	-	2	-	-	-	2	-	2
Binghamton Center	2	-	2	-	-	-	2	-	2
Physics (7-12)	33	24	9	25	18	7	8	6	2
Albany Center	4	4	-	3	3	-	1	1	-
Buffalo Center	1	1	-	1	1	-	-	-	-
Stony Brook Center	2	1	1	2	1	1	-	-	-
Brockport College	1	1	-	-	-	-	1	1	-
Buffalo College	2	2	-	2	2	-	-	-	-
Cortland College	2	2	-	2	2	-	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
General Science (7-12)	32	19	13	22	13	9	10	6	4
Agriculture and Life Sciences	32	19	13	22	13	9	10	6	4
Agriculture	26	26	-	19	19	-	7	7	-
Agriculture and Life Sciences	26	26	-	19	19	-	7	7	-
Art	331	90	241	282	76	206	49	14	35
Buffalo Center	26	8	18	21	7	14	5	1	4
Buffalo College	175	49	126	148	41	107	27	8	19
New Paltz College	130	33	97	113	28	85	17	5	12
Commerce	141	45	96	90	26	64	51	19	32
Albany Center	87	26	61	51	14	37	36	12	24
Buffalo Center	54	19	35	39	12	27	15	7	8
Commerce and Distributive Occupation Subjects	29	15	14	26	14	12	3	1	2
Albany Center	11	6	5	8	5	3	3	1	2
Buffalo Center	5	2	3	5	2	3	-	-	-
Buffalo College	13	7	6	13	7	6	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Health	243	109	134	191	85	106	52	24	28
Stony Brook Center	20	7	13	12	2	10	8	5	3
Brockport College	109	62	47	77	45	32	32	17	15
Cortland College	101	40	61	92	38	54	9	2	7
Oswego College	11	-	11	8	-	8	3	-	3
Human Ecology	2	-	2	2	-	2	-	-	-
Health and Physical Education	10	7	3	1	1	-	9	6	3
Brockport College	10	7	3	1	1	-	9	6	3
Home Economics	246	1	245	187	1	186	59	-	59
Buffalo College	104	1	103	63	1	62	41	-	41
Oneonta College	62	-	62	55	-	55	7	-	7
Plattsburgh College	60	-	60	49	-	49	11	-	11
Human Ecology	20	-	20	20	-	20	-	-	-
Industrial Arts	381	380	1	320	320	-	61	60	1
Buffalo College	184	183	1	130	130	-	54	53	1
Oswego College	197	197	-	190	190	-	7	7	-
Library	45	4	41	-	-	-	45	4	41
Albany Center	23	3	20	-	-	-	23	3	20
Buffalo Center	22	1	21	-	-	-	22	1	21

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Music	236	90	146	172	63	109	64	27	37
Binghamton Center	1	-	1	-	-	-	1	-	1
Buffalo Center	33	12	21	11	3	8	22	9	13
Fredonia College	82	39	43	59	28	31	23	11	12
Potsdam College	120	39	81	102	32	70	18	7	11
Physical Education	601	306	295	545	274	271	56	32	24
Buffalo Center	55	25	30	47	21	26	8	4	4
Brockport College	295	147	148	274	138	136	21	9	12
Cortland College	251	134	117	224	115	109	27	19	8
Recreation	70	48	22	63	43	20	7	5	2
Cortland College	70	48	22	63	43	20	7	5	2
Related Technical Subjects	1	1	-	-	-	-	1	1	-
Oswego College	1	1	-	-	-	-	1	1	-
Technical Subjects	22	22	-	22	22	-	-	-	-
Oswego College	22	22	-	22	22	-	-	-	-

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TABLE 14--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1973 THROUGH JUNE 30, 1974
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Trade Shop Subjects	108	97	11	56	50	6	52	47	5
Oswego College	108	97	11	56	50	6	52	47	5
Speech	44	18	26	36	15	21	8	3	5
Albany Center	2	-	2	-	-	-	2	-	2
Buffalo Center	6	2	4	6	2	4	-	-	-
Brockport College	9	2	7	9	2	7	-	-	-
Cortland College	5	2	3	3	1	2	2	1	1
Geneseo College	7	5	2	7	5	2	-	-	-
Oneonta College	11	5	6	7	3	4	4	2	2
Oswego College	4	2	2	4	2	2	-	-	-
School Dental Hygiene Teacher	1	-	1	-	-	-	1	-	1
Brockport College	1	-	1	-	-	-	1	-	1
School Nurse Teacher	13	1	12	3	1	2	10	-	10
Oneonta College	13	1	12	3	1	2	10	-	10

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PART V

DETAILED TABLES, 1974-75

Institutional Summary

Institution and Certification Area

Certification Area Summary

Certification Area and Institution

TABLE 15--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT. STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975

Institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	10,265	3,007	7,258	7,399	2,145	5,254	2,866	862	2,004
University Centers	1,800	548	1,252	1,126	330	796	674	218	456
Albany	833	237	596	384	99	285	449	138	311
Binghamton	46	22	24	-	-	-	46	22	24
Buffalo	478	168	310	308	115	193	170	53	117
Stony Brook	443	121	322	434	116	318	9	5	4
University Colleges	8,333	2,409	5,924	6,165	1,783	4,382	2,168	626	1,542
Brockport	1,001	360	641	774	282	492	227	78	149
Buffalo	1,727	474	1,253	1,043	314	729	684	160	524
Cortland[a]	1,066	364	702	809	286	523	257	78	179
Fredonia	532	131	401	412	98	314	120	33	87
Geneseo	769	126	643	681	97	584	88	29	59
New Paltz	810	216	594	416	102	314	394	114	280
Old Westbury	21	2	19	21	2	19	-	-	-
Oneonta	667	104	563	593	93	500	74	11	63
Oswego	830	400	430	685	329	356	145	71	74
Plattsburgh	409	112	297	312	78	234	97	34	63
Potsdam	501	120	381	419	102	317	82	18	64
Statutory Colleges	132	50	82	108	32	76	24	18	6
Agriculture and Life Sciences	65	48	17	44	30	14	21	18	3
Human Ecology	67	2	65	64	2	62	3	-	3

[a]Includes 28 students from the Upper Division College at Utica/Rome.

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	10,265	3,007	7,258	7,399	2,145	5,254	2,866	862	2,004
University Centers	1,800	548	1,252	1,126	330	796	674	218	456
Albany	833	237	596	384	99	285	449	138	311
School District Administrator	14	14	-	-	-	-	14	14	-
School Administrator and Supervisor	1	1	-	-	-	-	1	1	-
School Counselor	41	20	21	2	-	2	39	20	19
School Psychologist	17	9	8	-	-	-	17	9	8
Elementary Teacher, N-6	68	8	60	-	-	-	68	8	60
English (7-12)	155	36	119	86	19	67	69	17	52
Social Studies (7-12)	102	53	49	60	33	27	42	20	22
French (7-12)	27	2	25	16	1	15	11	1	10
Spanish (7-12)	30	4	26	29	4	25	1	-	1
Latin (7-12)	4	-	4	1	-	1	3	-	3
German (7-12)	8	2	6	6	1	5	2	1	1
Russian (7-12)	4	1	3	4	1	3	-	-	-
Italian (7-12)	8	2	6	7	2	5	1	-	1
Mathematics (7-12)	81	27	54	52	17	35	29	10	19
Biology (7-12)	18	4	14	10	2	8	8	2	6
Chemistry (7-12)	6	4	2	4	4	-	2	-	2
Physics (7-12)	6	5	1	3	3	-	3	2	1
Earth Science (7-12)	1	-	1	-	-	-	1	-	1

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Albany (continued)									
Library Media Specialist	52	10	42	-	-	-	52	10	42
Business Education	110	22	88	50	7	43	60	15	45
Business and Distributive Education	15	12	3	7	4	3	8	8	-
Speech and Hearing Handicapped	65	1	64	47	1	46	18	-	18
Binghamton	46	22	24	-	-	-	46	22	24
Elementary Teacher, N-6	6	-	6	-	-	-	6	-	6
English (7-12)	5	1	4	-	-	-	5	1	4
Social Studies (7-12)	17	14	3	-	-	-	17	14	3
Mathematics (7-12)	3	1	2	-	-	-	3	1	2
Biology (7-12)	4	4	-	-	-	-	4	4	-
Mentally Retarded	11	2	9	-	-	-	11	2	9
Buffalo	478	168	310	308	115	193	170	53	117
School District Administrator	5	4	1	-	-	-	5	4	1
School Administrator and Supervisor	2	2	-	-	-	-	2	2	-
School Counselor	22	8	14	16	6	10	6	2	4
Elementary Teacher, N-6	61	2	59	30	1	29	31	1	30
English (7-12)	56	17	39	44	15	29	12	2	10
Social Studies (7-12)	70	40	30	51	25	26	19	15	4

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo (continued)									
French (7-12)	14	-	14	9	-	9	5	-	5
Spanish (7-12)	25	6	19	17	4	13	8	2	6
German (7-12)	4	-	4	3	-	3	1	-	1
Italian (7-12)	2	-	2	2	-	2	-	-	-
Mathematics (7-12)	31	17	14	19	11	8	12	6	6
Biology (7-12)	15	8	7	13	7	6	2	1	1
Chemistry (7-12)	11	7	4	4	3	1	7	4	3
Physics (7-12)	4	4	-	4	4	-	-	-	-
Art	18	1	17	14	1	13	4	-	4
Library Media Specialist	22	1	21	1	-	1	21	1	20
Music	24	9	15	10	2	8	14	7	7
Physical Education	39	25	14	35	23	12	4	2	2
Recreation	1	1	-	-	-	-	1	1	-
Speech	7	3	4	7	3	4	-	-	-
Business Education	33	9	24	19	6	13	14	3	11
Business and Distributive Education	10	4	6	10	4	6	-	-	-
Speech and Hearing Handicapped	2	-	2	-	-	-	2	-	2
Stony Brook	443	121	322	434	116	318	9	5	4
Elementary Teacher, N-6	227	21	206	227	21	206	-	-	-
English (7-12)	43	13	30	43	13	30	-	-	-
Social Studies (7-12)	45	28	17	45	28	17	-	-	-

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975 (Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Stony Brook (continued)									
French (7-12)	13	2	11	13	2	11	-	-	-
Spanish (7-12)	13	2	11	13	2	11	-	-	-
German (7-12)	5	2	3	5	2	3	-	-	-
Mathematics (7-12)	31	14	17	31	14	17	-	-	-
Biology (7-12)	27	18	9	27	18	9	-	-	-
Chemistry (7-12)	2	1	1	2	1	1	-	-	-
Physics (7-12)	4	4	-	4	4	-	-	-	-
Earth Science (7-12)	10	7	3	10	7	3	-	-	-
Health	23	9	14	14	4	10	9	5	4
University Colleges	8,333	2,409	5,924	6,165	1,783	4,382	2,168	626	1,542
Brockport	1,001	360	641	774	282	492	227	78	149
School Administrator and Supervisor	8	8	-	-	-	-	8	8	-
School Counselor	17	6	11	17	6	11	-	-	-
Elementary Teacher, N-6	357	41	316	241	32	209	116	9	107
Elementary Teacher, N-6 and English (7-9)	8	-	8	6	-	6	2	-	2
Elementary Teacher, N-6 and Social Studies (7-9)	23	13	10	11	6	5	12	7	5

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Brockport (continued)									
Elementary Teacher, N-6 and French (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	10	2	8	8	1	7	2	1	1
Elementary Teacher, N-6 and General Science (7-9)	3	1	2	2	-	2	1	1	-
English (7-12)	48	17	31	38	13	25	10	4	6
Social Studies (7-12)	57	40	17	36	26	10	21	14	7
French (7-12)	8	2	6	7	2	5	1	-	1
Spanish (7-12)	10	4	6	10	4	6	-	-	-
Mathematics (7-12)	57	31	26	41	20	21	16	11	5
Biology (7-12)	38	21	17	30	15	15	8	6	2
Chemistry (7-12)	12	7	5	11	6	5	1	1	-
Physics (7-12)	4	3	1	4	3	1	-	-	-
Earth Science (7-12)	10	9	1	9	8	1	1	1	-
Health	70	34	36	61	31	30	9	3	6
Physical Education	217	116	101	201	104	97	16	12	4
Speech	7	2	5	6	2	4	1	-	1
Speech and Hearing Handicapped	35	3	32	33	3	30	2	-	2

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo	1,727	474	1,253	1,043	314	729	684	160	524
School Administrator and Supervisor	19	11	8	-	-	-	19	11	8
Elementary Teacher, N-6	680	80	600	333	46	287	347	34	313
Elementary Teacher, N-6 and English (7-9)	19	4	15	12	4	8	7	-	7
Elementary Teacher, N-6 and Social Studies (7-9)	12	3	9	9	1	8	3	2	1
Elementary Teacher, N-6 and Mathematics (7-9)	18	4	14	5	-	5	13	4	9
Elementary Teacher, N-6 and General Science (7-9)	16	4	12	5	1	4	11	3	8
English (7-12)	97	29	68	48	13	35	49	16	33
Social Studies (7-12)	61	41	20	31	21	10	30	20	10
French (7-12)	6	-	6	6	-	6	-	-	-
Spanish (7-12)	9	1	8	9	1	8	-	-	-
Mathematics (7-12)	32	16	16	26	14	12	6	2	4
Biology (7-12)	26	12	14	15	9	6	11	3	8
Chemistry (7-12)	6	3	3	3	2	1	3	1	2
Physics (7-12)	2	1	1	1	1	-	1	-	1
Earth Science (7-12)	4	2	2	4	2	2	-	-	-
Art	179	48	131	140	36	104	39	12	27
Home Economics	79	-	79	48	-	48	31	-	31

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Buffalo (continued)									
Industrial Arts	170	167	3	124	121	3	46	46	-
Business and Distributive Education	32	20	12	32	20	12	-	-	-
Physically Handicapped-Orthopedic	17	2	15	16	2	14	1	-	1
Speech and Hearing Handicapped	61	4	57	39	2	37	22	2	20
Mentally Retarded	173	22	151	137	18	119	36	4	32
Teacher of the Learning Handicapped	9	-	9	-	-	-	9	-	9
Cortland	1,066[a]	364	702	809	286	523	257	78	179
School Administrator and Supervisor	2	2	-	-	-	-	2	2	-
Elementary Teacher, N-6	333	38	295	185	23	162	148	15	133
Elementary Teacher, N-6 and English (7-9)	23	5	18	21	4	17	2	1	1
Elementary Teacher, N-6 and Social Studies (7-9)	34	11	23	34	11	23	-	-	-
Elementary Teacher, N-6 and French (7-9)	6	-	6	6	-	6	-	-	-
Elementary Teacher, N-6 and Spanish (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	34	6	28	26	3	23	8	3	5

[a]Includes 28 students from the Upper Division College at Utica/Rome.

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Cortland (continued)									
Elementary Teacher, N-6 and General Science (7-9)	12	5	7	9	5	4	3	-	3
English (7-12)	31	8	23	31	8	23	-	-	-
Social Studies (7-12)	43	26	17	30	18	12	13	8	5
French (7-12)	10	-	10	9	-	9	1	-	1
Spanish (7-12)	8	1	7	8	1	7	-	-	-
Mathematics (7-12)	25	9	16	23	9[a]	14	2	-	2
Biology (7-12)	19	11	8	12	5	7	7	6	1
Earth Science (7-12)	2	2	-	2	2	-	-	-	-
Health	114	48	66	97	43	54	17	5	12
Physical Education	277	139	138	233	108	125	44	31	13
Recreation	78	52	26	69	45	24	9	7	2
Speech	3	1	2	2	1	1	1	-	1
Speech and Hearing Handicapped	10	-	10	10	-	10	-	-	-
Fredonia	532	131	401	412	98	314	120	33	87
Elementary Teacher, N-6	242	36	206	173	25	148	69	11	58
Elementary Teacher, N-6 and English (7-9)	7	-	7	7	-	7	-	-	-

[a]Includes two students who were also recommended for certification in Physics (7-12).

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Fredonia (continued)									
Elementary Teacher, N-6 and Social Studies (7-9)	10	2	8	8	-	8	2	2	-
Elementary Teacher, N-6 and French (7-9)	4	-	4	3	-	3	1	-	1
Elementary Teacher, N-6 and Spanish (7-9)	4	-	4	4	-	4	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	8	4	4	4	2	2	4	2	2
Elementary Teacher, N-6 and General Science (7-9)	3	3	-	3	3	-	-	-	-
English (7-12)	32	10	22	21	7	14	11	3	8
Social Studies (7-12)	31	15	16	25	12	13	6	3	3
French (7-12)	7	2	5	4	1	3	3	1	2
Spanish (7-12)	8	-	8	8	-	8	-	-	-
German (7-12)	2	-	2	2	-	2	-	-	-
Mathematics (7-12)	26	14	12	22	12[a]	10	4	2	2
Biology (7-12)	5	2	3	2	1	1	3	1	2
Earth Science (7-12)	4	1	3	4	1	3	-	-	-
Music	91	35	56	76	28	48	15	7	8
Speech and Hearing Handicapped	48	7	41	46	6	40	2	1	1

[a]Includes three students who were also recommended for certification in Physics (7-12).

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Geneseo	769	126	643	681	97	584	88	29	59
School Administrator and Supervisor	3	3	-	-	-	-	3	3	-
Elementary Teacher, N-6	225	30	195	186	23	163	39	7	32
Elementary Teacher, N-6 and English (7-9)	11	2	9	7	1	6	4	1	3
Elementary Teacher, N-6 and Social Studies (7-9)	5	2	3	4	1	3	1	1	-
Elementary Teacher, N-6 and Mathematics (7-9)	3	1	2	2	-	2	1	1	-
Elementary Teacher, N-6 and General Science (7-9)	3	-	3	3	-	3	-	-	-
English (7-12)	52	15	37	42	10	32	10	5	5
Social Studies (7-12)	34	17	17	28	14	14	6	3	3
French (7-12)	10	2	8	7	1	6	3	1	2
Spanish (7-12)	6	1	5	5	1	4	1	-	1
Mathematics (7-12)	22	9	13	19	6	13	3	3	-
Biology (7-12)	9	6	3	8	5	3	1	1	-
Physics (7-12)	2	1	1	2	1	1	-	-	-
Earth Science (7-12)	5	3	2	5	3	2	-	-	-
Speech	5	3	2	5	3	2	-	-	-
Speech and Hearing Handicapped	129	7	122	126	7	119	3	-	3
Deaf	1	-	1	-	-	-	1	-	1
Mentally Retarded	244	24	220	232	21	211	12	3	9

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
New Paltz	810	216	594	416	102	314	394	114	280
School District Administrator	9	9	-	-	-	-	9	9	-
School Administrator and Supervisor	19	13	6	-	-	-	19	13	6
Elementary Teacher, N-6	484	88	396	211	37	174	273	51	222
Elementary Teacher, N-6 and Social Studies (7-9)	14	8	6	9	5	4	5	3	2
Elementary Teacher, N-6 and French (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	10	2	8	7	-	7	3	2	1
Elementary Teacher, N-6 and General Science (7-9)	4	2	2	-	-	-	4	2	2
English (7-12)	41	15	26	33	14	19	8	1	7
Social Studies (7-12)	42	29	13	23	16	7	19	13	6
French (7-12)	6	-	6	3	-	3	3	-	3
Spanish (7-12)	11	4	7	5	2	3	6	2	4
German (7-12)	3	2	1	1	1	-	2	1	1
Mathematics (7-12)	13	8	5	8	6	2	5	2	3
Biology (7-12)	8	6	2	4	3	1	4	3	1
Chemistry (7-12)	2	2	-	1	1	-	1	1	-
Earth Science (7-12)	1	1	-	-	-	-	1	1	-
Art	88	22	66	68	16	52	20	6	14
Speech and Hearing Handicapped	41	1	40	41	1	40	-	-	-
Mentally Retarded	12	4	8	-	-	-	12	4	8

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Old Westbury	21	2	19	21	2	19	-	-	-
Elementary Teacher, N-6	21	2	19	21	2	19	-	-	-
Oneonta	667	104	563	593	93	500	74	11	63
School Nurse Teacher	5	-	5	3	-	3	2	-	2
School Counselor	3	2	1	2	2	-	1	-	1
Elementary Teacher, N-6	356	32	324	318	29	289	38	3	35
Elementary Teacher, N-6 and English (7-9)	19	2	17	19	2	17	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	12	4	8	12	4	8	-	-	-
Elementary Teacher, N-6 and French (7-9)	5	-	5	5	-	5	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	18	-	18	18	-	18	-	-	-
Elementary Teacher, N-6 and General Science (7-9)	11	2	9	8	1	7	3	1	2
English (7-12)	47	16	31	47	16	31	-	-	-
Social Studies (7-12)	35	22	13	33	21	12	2	1	1
French (7-12)	7	1	6	7	1	6	-	-	-
Spanish (7-12)	3	1	2	3	1	2	-	-	-

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Oneonta (continued)									
German (7-12)	1	-	1	1	-	1	-	-	-
Mathematics (7-12)	32	9	23	28	6	22	4	3	1
Biology (7-12)	5	3	2	5	3	2	-	-	-
Chemistry (7-12)	2	1	1	1	-	1	1	1	-
Physics (7-12)	1	1	-	1	1	-	-	-	-
Earth Science (7-12)	8	3	5	8	3	5	-	-	-
Home Economics	75	-	75	57	-	57	18	-	18
Speech	22	5	17	17	3	14	5	2	3
Oswego	830	400	430	685	329	356	145	71	74
School Administrator and Supervisor	3	2	1	-	-	-	3	2	1
School Counselor	2	2	-	-	-	-	2	2	-
School Psychologist	5	5	-	-	-	-	5	5	-
Elementary Teacher, N-6	308	46	262	291	44	247	17	2	15
Elementary Teacher, N-6 and English (7-9)	2	2	-	2	2	-	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	7	3	4	6	2	4	1	1	-
Elementary Teacher, N-6 and Mathematics (7-9)	6	2	4	6	2	4	-	-	-

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Oswego (continued)									
Elementary Teacher, N-6 and General Science (7-9)	3	-	3	2	-	2	1	-	1
English (7-12)	38	12	26	34	11	23	4	1	3
Social Studies (7-12)	39	25	14	37	24	13	2	1	1
French (7-12)	8	-	8	8	-	8	-	-	-
Spanish (7-12)	14	1	13	14	1	13	-	-	-
Mathematics (7-12)	28	11	17	24	10	14	4	1	3
Biology (7-12)	15	7	8	13	5	8	2	2	-
Physics (7-12)	1	-	1	1	-	1	-	-	-
Earth Science (7-12)	4	2	2	4	2	2	-	-	-
Industrial Arts	197	191	6	183	177	6	14	14	-
Speech	5	-	5	5	-	5	-	-	-
Trade Subjects	144	88	56	54	48	6	90	40	50
Technical Subjects	1	1	-	1	1	-	-	-	-
Plattsburgh	409	112	297	312	78	234	97	34	63
School Administrator and Supervisor	4	4	-	-	-	-	4	4	-
School Counselor	7	5	2	-	-	-	7	5	2
School Psychologist	4	4	-	-	-	-	4	4	-
Elementary Teacher, N-6	219	38	181	160	27	133	59	11	48

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Plattsburgh (continued)									
Elementary Teacher, N-6 and English (7-9)	2	-	2	2	-	2	-	-	-
Elementary Teacher, N-6 and Social Studies (7-9)	14	10	4	13	9	4	1	1	-
Elementary Teacher, N-6 and Mathematics (7-9)	11	4	7	10	4	6	1	-	1
Elementary Teacher, N-6 and General Science (7-9)	5	3	2	5	3	2	-	-	-
English (7-12)	20	8	12	12	4	8	8	4	4
Social Studies (7-12)	24	17	7	19	13	6	5	4	1
French (7-12)	2	1	1	2	1	1	-	-	-
Spanish (7-12)	2	-	2	2	-	2	-	-	-
Mathematics (7-12)	8	4	4	7	3	4	1	1	-
Biology (7-12)	15	11	4	14	11	3	1	-	1
Chemistry (7-12)	2	1	1	2	1	1	-	-	-
Physics (7-12)	1	-	1	1	-	1	-	-	-
Earth Science (7-12)	2	1	1	2	1	1	-	-	-
Home Economics	53	-	53	47	-	47	6	-	6
Speech and Hearing Handicapped	14	1	13	14	1	13	-	-	-

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Potsdam	501	120	381	419	102	317	82	18	64
Elementary Teacher, N-6	187	14	173	139	10	129	48	4	44
Elementary Teacher, N-6 and English (7-9)	9	-	9	7	-	7	2	-	2
Elementary Teacher, N-6 and Social Studies (7-9)	14	2	12	12	2	10	2	-	2
Elementary Teacher, N-6 and French (7-9)	3	-	3	3	-	3	-	-	-
Elementary Teacher, N-6 and Latin (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	8	-	8	7	-	7	1	-	1
Elementary Teacher, N-6 and General Science (7-9)	6	5	1	5	4	1	1	1	-
English (7-12)	29	6	23	25	6	19	4	-	4
Social Studies (7-12)	33	15	18	30	14	16	3	1	2
French (7-12)	9	2	7	6	-	6	3	2	1
Spanish (7-12)	12	-	12	12	-	12	-	-	-
Latin (7-12)	2	1	1	2	1	1	-	-	-
Mathematics (7-12)	37	12	25	33	10	23	4	2	2
Biology (7-12)	8	3	5	6	3	3	2	-	2
Chemistry (7-12)	3	3	-	3	3	-	-	-	-

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TABLE 16--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY INSTITUTION, CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Institution and certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Potsdam (continued)									
Physics (7-12)	6	5	1	6	5	1	-	-	-
Earth Science (7-12)	1	1	-	1	1	-	-	-	-
Music	133	51	82	121	43	78	12	8	4
Statutory Colleges	132	50	82	108	32	76	24	18	6
Agriculture and Life Sciences	65	48	17	44	30	14	21	18	3
School District Administrator	4	4	-	-	-	-	4	4	-
School Administrator and Supervisor	3	2	1	-	-	-	3	2	1
Biology (7-12)	23	11	12	21	11[a]	10[b]	2	-	2
Chemistry	3	2	1	1	-	1	2	2	-
Earth Science	1	1	-	1	1	-	-	-	-
Agriculture	31	28	3	21	18	3	10	10	-
Human Ecology	67	2	65	64	2	62	3	-	3
School Counselor	1	-	1	-	-	-	1	-	1
Elementary Teacher, N-6	30	2	28	30	2	28	-	-	-
Health	7	-	7	7	-	7	-	-	-
Home Economics	29	-	29	27	-	27	2	-	2

[a]Includes one student who was also recommended for certification in Chemistry (7-12) and one who was also recommended for certification in Earth Science (7-12).

[b]Includes five students who were also recommended for certification in Chemistry (7-12).

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TABLE 17--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended	10,265	3,007	7,258	7,399	2,145	5,254	2,866	862	2,004
School District Administrator	32	31	1	-	-	-	32	31	1
School Administrator and Supervisor	64	48	16	-	-	-	64	48	16
School Nurse Teacher	5	-	5	3	-	3	2	-	2
School Counselor	93	43	50	37	14	23	56	29	27
School Psychologist	26	18	8	-	-	-	26	18	8
Elementary Teacher, N-6	3,804	478	3,326	2,545	322	2,223	1,259	156	1,103
Elementary Teacher, N-6 and English (7-9)	100	15	85	83	13	70	17	2	15
Elementary Teacher, N-6 and Social Studies (7-9)	145	58	87	118	41	77	27	17	10
Elementary Teacher, N-6 and French (7-9)	21	-	21	20	-	20	1	-	1
Elementary Teacher, N-6 and Spanish (7-9)	7	-	7	7	-	7	-	-	-
Elementary Teacher, N-6 and Latin (7-9)	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	126	25	101	93	12	81	33	13	20
Elementary Teacher, N-6 and General Science (7-9)	66	25	41	42	17	25	24	8	16
English (7-12)	694	203	491	504	149	355	190	54	136
Social Studies (7-12)	633	382	251	448	265	183	185	117	68

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TABLE 17--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975 (Continued)

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended (cont.)									
French (7-12)	127	14	113	97	9	88	30	5	25
Spanish (7-12)	151	25	126	135	21	114	16	4	12
Latin (7-12)	6	1	5	3	1	2	3	-	3
German (7-12)	23	6	17	18	4	14	5	2	3
Russian (7-12)	4	1	3	4	1	3	-	-	-
Italian (7-12)	10	2	8	9	2	7	1	-	1
Mathematics (7-12)	426	182	244	333	138	195	93	44	49
Biology (7-12)	235	127	108	180	98	82	55	29	26
Chemistry (7-12)	49	31	18	32	21	11	17	10	7
Physics (7-12)	31	24	7	27	22	5	4	2	2
Earth Science (7-12)	53	33	20	50	31	19	3	2	1
Agriculture	31	28	3	21	18	3	10	10	-
Art	285	71	214	222	53	169	63	18	45
Health	214	91	123	179	78	101	35	13	22
Home Economics	236	-	236	179	-	179	57	-	57
Industrial Arts	367	358	9	307	298	9	60	60	-
Library Media Specialist	74	11	63	1	-	1	73	11	62
Music	248	95	153	207	73	134	41	22	19
Physical Education	533	280	253	469	235	234	64	45	19
Recreation	79	53	26	69	45	24	10	8	2
Speech	49	14	35	42	12	30	7	2	5

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dj

TABLE 17--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975 (Continued)

Certification area	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
All certifications recommended (cont.)									
Business Education	143	31	112	69	13	56	74	18	56
Business and Distributive Education	57	36	21	49	28	21	8	8	-
Trade Subjects	144	88	56	54	48	6	90	40	50
Technical Subjects	1	1	-	1	1	-	-	-	-
Physically Handicapped-Orthopedic	17	2	15	16	2	14	1	-	1
Speech and Hearing Handicapped	405	24	381	356	21	335	49	3	46
Deaf	1	-	1	-	-	-	1	-	1
Mentally Retarded	440	52	388	369	39	330	71	13	58
Teacher of the Learning Handicapped[a]	9	-	9	-	-	-	9	-	9

[a]This area has been approved by the Commissioner of Education, but has yet to be cited in the Regulations.

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
State University total	10,265	3,007	7,258	7,399	2,145	5,254	2,866	862	2,004
School District Administrator	32	31	1	-	-	-	32	31	1
Albany Center	14	14	-	-	-	-	14	14	-
Buffalo Center	5	4	1	-	-	-	5	4	1
New Paltz College	9	9	-	-	-	-	9	9	-
Agriculture and Life Sciences	4	4	-	-	-	-	4	4	-
School Administrator and Supervisor	64	48	16	-	-	-	64	48	16
Albany Center	1	1	-	-	-	-	1	1	-
Buffalo Center	2	2	-	-	-	-	2	2	-
Brockport College	8	8	-	-	-	-	8	8	-
Buffalo College	19	11	8	-	-	-	19	11	8
Cortland College	2	2	-	-	-	-	2	2	-
Geneseo College	3	3	-	-	-	-	3	3	-
New Paltz College	19	13	6	-	-	-	19	13	6
Oswego College	3	2	1	-	-	-	3	2	1
Plattsburgh College	4	4	-	-	-	-	4	4	-
Agriculture and Life Sciences	3	2	1	-	-	-	3	2	1
School Nurse Teacher	5	-	5	3	-	3	2	-	2
Oneonta College	5	-	5	3	-	3	2	-	2

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
School Counselor	93	43	50	37	14	23	56	29	27
Albany Center	41	20	21	2	-	2	39	20	19
Buffalo Center	22	8	14	16	6	10	6	2	4
Brockport College	17	6	11	17	6	11	-	-	-
Oneonta College	3	2	1	2	2	-	1	-	1
Oswego College	2	2	-	-	-	-	2	2	-
Plattsburgh College	7	5	2	-	-	-	7	5	2
Human Ecology	1	-	1	-	-	-	1	-	1
School Psychologist	26	18	8	-	-	-	26	18	8
Albany Center	17	9	8	-	-	-	17	9	8
Oswego College	5	5	-	-	-	-	5	5	-
Plattsburgh College	4	4	-	-	-	-	4	4	-
Elementary Teacher, N-6	3,804	478	3,326	2,545	322	2,223	1,259	156	1,103
Albany Center	68	8	60	-	-	-	68	8	60
Binghamton Center	6	-	6	-	-	-	6	-	6
Buffalo Center	61	2	59	30	1	29	31	1	30
Stony Brook Center	227	21	206	227	21	206	-	-	-
Brockport College	357	41	316	241	32	209	116	9	107
Buffalo College	680	80	600	333	46	287	347	34	313

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 (continued)									
Cortland College	333	38	295	185	23	162	148	15	133
Fredonia College	242	36	206	173	25	148	69	11	58
Geneseo College	225	30	195	186	23	163	39	7	32
New Paltz College	484	88	396	211	37	174	273	51	222
Old Westbury College	21	2	19	21	2	19	-	-	-
Oneonta College	356	32	324	318	29	289	38	3	35
Oswego College	308	46	262	291	44	247	17	2	15
Plattsburgh College	219	38	181	160	27	133	59	11	48
Potsdam College	187	14	173	139	10	129	48	4	44
Human Ecology	30	2	28	30	2	28	-	-	-
Elementary Teacher, N-6 and English (7-9)	100	15	85	83	13	70	17	2	15
Brockport College	8	-	8	6	-	6	2	-	2
Buffalo College	19	4	15	12	4	8	7	-	7
Cortland College	23	5	18	21	4	17	2	1	1
Fredonia College	7	-	7	7	-	7	-	-	-
Geneseo College	11	2	9	7	1	6	4	1	3
Oneonta College	19	2	17	19	2	17	-	-	-
Oswego College	2	2	-	2	2	-	-	-	-
Plattsburgh College	2	-	2	2	-	2	-	-	-
Potsdam College	9	-	9	7	-	7	2	-	2

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and Social Studies (7-9)	145	58	87	118	41	77	27	17	10
Brockport College	23	13	10	11	6	5	12	7	5
Buffalo College	12	3	9	9	1	8	3	2	1
Cortland College	34	11	23	34	11	23	-	-	-
Fredonia College	10	2	8	8	-	8	2	2	-
Geneseo College	5	2	3	4	1	3	1	1	-
New Paltz College	14	8	6	9	5	4	5	3	2
Oneonta College	12	4	8	12	4	8	-	-	-
Oswego College	7	3	4	6	2	4	1	1	-
Plattsburgh College	14	10	4	13	9	4	1	1	-
Potsdam College	14	2	12	12	2	10	2	-	2
Elementary Teacher, N-6 and French (7-9)	21	-	21	20	-	20	1	-	1
Brockport College	1	-	1	1	-	1	-	-	-
Cortland College	6	-	6	6	-	6	-	-	-
Fredonia College	4	-	4	3	-	3	1	-	1
New Paltz College	2	-	2	2	-	2	-	-	-
Oneonta College	5	-	5	5	-	5	-	-	-
Potsdam College	3	-	3	3	-	3	-	-	-

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and Spanish (7-9)	7	-	7	7	-	7	-	-	-
Brockport College	1	-	1	1	-	1	-	-	-
Cortland College	2	-	2	2	-	2	-	-	-
Fredonia College	4	-	4	4	-	4	-	-	-
Elementary Teacher, N-6 and Latin (7-9)	1	-	1	1	-	1	-	-	-
Potsdam College	1	-	1	1	-	1	-	-	-
Elementary Teacher, N-6 and Mathematics (7-9)	126	25	101	93	12	81	33	13	20
Brockport College	10	2	8	8	1	7	2	1	1
Buffalo College	18	4	14	5	-	5	13	4	9
Cortland College	34	6	28	26	3	23	8	3	5
Fredonia College	8	4	4	4	2	2	4	2	2
Geneseo College	3	1	2	2	-	2	1	1	-
New Paltz College	10	2	8	7	-	7	3	2	1
Oneonta College	18	-	18	18	-	18	-	-	-
Oswego College	6	2	4	6	2	4	-	-	-
Plattsburgh College	11	4	7	10	4	6	1	-	1
Potsdam College	8	-	8	7	-	7	1	-	1

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Elementary Teacher, N-6 and General Science (7-9)	66	25	41	42	17	25	24	8	16
Brockport College	3	1	2	2	-	2	1	1	-
Buffalo College	16	4	12	5	1	4	11	3	8
Cortland College	12	5	7	9	5	4	3	-	3
Fredonia College	3	3	-	3	3	-	-	-	-
Geneseo College	3	-	3	3	-	3	-	-	-
New Paltz College	4	2	2	-	-	-	4	2	2
Oneonta College	11	2	9	8	1	7	3	1	2
Oswego College	3	-	3	2	-	2	1	-	1
Plattsburgh College	5	3	2	5	3	2	-	-	-
Potsdam College	6	5	1	5	4	1	1	1	-
English (7-12)	694	203	491	504	149	355	190	54	136
Albany Center	155	36	119	86	19	67	69	17	52
Binghamton Center	5	1	4	-	-	-	5	1	4
Buffalo Center	56	17	39	44	15	29	12	2	10
Stony Brook Center	43	13	30	43	13	30	-	-	-
Brockport College	48	17	31	38	13	25	10	4	6
Buffalo College	97	29	68	48	13	35	49	16	33
Cortland College	31	8	23	31	8	23	-	-	-
Fredonia College	32	10	22	21	7	14	11	3	8
Geneseo	52	15	37	42	10	32	10	5	5

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
English (7-12) (continued)									
New Paltz College	41	15	26	33	14	19	8	1	7
Oneonta College	47	16	31	47	16	31	-	-	-
Oswego College	38	12	26	34	11	23	4	1	3
Plattsburgh College	20	8	12	12	4	8	8	4	4
Potsdam College	29	6	23	25	6	19	4	-	4
Social Studies (7-12)	633	382	251	448	265	183	185	117	68
Albany Center	102	53	49	60	33	27	42	20	22
Binghamton Center	17	14	3	-	-	-	17	14	3
Buffalo Center	70	40	30	51	25	26	19	15	4
Stony Brook Center	45	28	17	45	28	17	-	-	-
Brockport College	57	40	17	36	26	10	21	14	7
Buffalo College	61	41	20	31	21	10	30	20	10
Cortland College	43	26	17	30	18	12	13	8	5
Fredonia College	31	15	16	25	12	13	6	3	3
Geneseo College	34	17	17	28	14	14	6	3	3
New Paltz College	42	29	13	23	16	7	19	13	6
Oneonta College	35	22	13	33	21	12	2	1	1
Oswego College	39	25	14	37	24	13	2	1	1
Plattsburgh College	24	17	7	19	13	6	5	4	1
Potsdam College	33	15	18	30	14	16	3	1	2

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
French (7-12)	127	14	113	97	9	88	30	5	25
Albany Center	27	2	25	16	1	15	11	1	10
Buffalo Center	14	-	14	9	-	9	5	-	5
Stony Brook Center	13	2	11	13	2	11	-	-	-
Brockport College	8	2	6	7	2	5	1	-	1
Buffalo College	6	-	6	6	-	6	-	-	-
Cortland College	10	-	10	9	-	9	1	-	1
Fredonia College	7	2	5	4	1	3	3	1	2
Geneseo College	10	2	8	7	1	6	3	1	2
New Paltz College	6	-	6	3	-	3	3	-	3
Oneonta College	7	1	6	7	1	6	-	-	-
Oswego College	8	-	8	8	-	8	-	-	-
Plattsburgh College	2	1	1	2	1	1	-	-	-
Potsdam College	9	2	7	6	-	6	3	2	1
Spanish (7-12)	151	25	126	135	21	114	16	4	12
Albany Center	30	4	26	29	4	25	1	-	1
Buffalo Center	25	6	19	17	4	13	8	2	6
Stony Brook Center	13	2	11	13	2	11	-	-	-
Brockport College	10	4	6	10	4	6	-	-	-
Buffalo College	9	1	8	9	1	8	-	-	-

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Spanish (7-12) (continued)									
Cortland College	8	1	7	8	1	7	-	-	-
Fredonia College	8	-	8	8	-	8	-	-	-
Geneseo College	6	1	5	5	1	4	1	-	1
New Paltz College	11	4	7	5	2	3	6	2	4
Oneonta College	3	1	2	3	1	2	-	-	-
Oswego College	14	1	13	14	1	13	-	-	-
Plattsburgh College	2	-	2	2	-	2	-	-	-
Potsdam College	12	-	12	12	-	12	-	-	-
Latin (7-12)	6	1	5	3	1	2	3	-	3
Albany Center	4	-	4	1	-	1	3	-	3
Potsdam College	2	1	1	2	1	1	-	-	-
German (7-12)	23	6	17	18	4	14	5	2	3
Albany Center	8	2	6	6	1	5	2	1	1
Buffalo Center	4	-	4	3	-	3	1	-	1
Stony Brook Center	5	2	3	5	2	3	-	-	-
Fredonia College	2	-	2	2	-	2	-	-	-
New Paltz College	3	2	1	1	1	-	2	1	1
Oneonta College	1	-	1	1	-	1	-	-	-

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Russian (7-12)	4	1	3	4	1	3	-	-	-
Albany Center	4	1	3	4	1	3	-	-	-
Italian (7-12)	10	2	8	9	2	7	1	-	1
Albany Center	8	2	6	7	2	5	1	-	1
Buffalo Center	2	-	2	2	-	2	-	-	-
Mathematics (7-12)	426	182	244	333	138	195	93	44	49
Albany Center	81	27	54	52	17	35	29	10	19
Binghamton Center	3	1	2	-	-	-	3	1	2
Buffalo Center	31	17	14	19	11	8	12	6	6
Stony Brook Center	31	14	17	31	14	17	-	-	-
Brockport College	57	31	26	41	20	21	16	11	5
Buffalo College	32	16	16	26	14	12	6	2	4
Cortland College	25	9	16	23	9[a]	14	2	-	2
Fredonia College	26	14	12	22	12[b]	10	4	2	2
Geneseo College	22	9	13	19	6	13	3	3	-
New Paltz College	13	8	5	8	6	2	5	2	3

[a]Includes two students who were also recommended for certification in Physics (7-12).

[b]Includes three students who were also recommended for certification in Physics (7-12).

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Mathematics (7-12) (continued)									
Oneonta College	32	9	23	28	6	22	4	3	1
Oswego College	28	11	17	24	10	14	4	1	3
Plattsburgh College	8	4	4	7	3	4	1	1	-
Potsdam College	37	12	25	33	10	23	4	2	2
Biology (7-12)	235	127	108	180	98	82	55	29	26
Albany Center	18	4	14	10	2	8	8	2	6
Binghamton Center	4	4	-	-	-	-	4	4	-
Buffalo Center	15	8	7	13	7	6	2	1	1
Stony Brook Center	27	18	9	27	18	9	-	-	-
Brockport College	38	21	17	30	15	15	8	6	2
Buffalo College	26	12	14	15	9	6	11	3	8
Cortland College	19	11	8	12	5	7	7	6	1
Fredonia College	5	2	3	2	1	1	3	1	2
Geneseo College	9	6	3	8	5	3	1	1	-
New Paltz College	8	6	2	4	3	1	4	3	1
Oneonta College	5	3	2	5	3	2	-	-	-
Oswego College	15	7	8	13	5	8	2	2	-
Plattsburgh College	15	11	4	14	11	3	1	-	1

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Biology (7-12) (continued)									
Potsdam College	8	3	5	6	3	3	2	-	2
Agriculture and Life Sciences	23	11	12	21	11[a]	10[b]	2	-	2
Chemistry (7-12)	49	31	18	32	21	11	17	10	7
Albany Center	6	4	2	4	4	-	2	-	2
Buffalo Center	11	7	4	4	3	1	7	4	3
Stony Brook Center	2	1	1	2	1	1	-	-	-
Brockport College	12	7	5	11	6	5	1	1	-
Buffalo College	6	3	3	3	2	1	3	1	2
New Paltz College	2	2	-	1	1	-	1	1	-
Oneonta College	2	1	1	1	-	1	1	1	-
Plattsburgh College	2	1	1	2	1	1	-	-	-
Potsdam College	3	3	-	3	3	-	-	-	-
Agriculture and Life Sciences	3	2	1	1	-	1	2	2	-
Physics (7-12)	31	24	7	27	22	5	4	2	2
Albany Center	6	5	1	3	3	-	3	2	1
Buffalo Center	4	4	-	4	4	-	-	-	-
Stony Brook Center	4	4	-	4	4	-	-	-	-
Brockport College	4	3	1	4	3	1	-	-	-
Buffalo College	2	1	1	1	1	-	1	-	1

[a]Includes one student who was also recommended for certification in Chemistry and one who was also recommended for certification in Earth Science (7-12).

[b]Includes five students who were also recommended for certification in Chemistry (7-12).

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Physics (7-12) (continued)									
Fredonia College[a]	-	-	-	-	-	-	-	-	-
Geneseo College	2	1	1	2	1	1	-	-	-
Oneonta College	1	1	-	1	1	-	-	-	-
Oswego College	1	-	1	1	-	1	-	-	-
Plattsburgh College	1	-	1	1	-	1	-	-	-
Potsdam College	6	5	1	6	5	1	-	-	-
Earth Science (7-12)	53	33	20	50	31	19	3	2	1
Albany Center	1	-	1	-	-	-	1	-	1
Stony Brook Center	10	7	3	10	7	3	-	-	-
Brockport College	10	9	1	9	8	1	1	1	-
Buffalo College	4	2	2	4	2	2	-	-	-
Cortland College	2	2	-	2	2	-	-	-	-
Fredonia College	4	1	3	4	1	3	-	-	-
Geneseo College	5	3	2	5	3	2	-	-	-
New Paltz College	1	1	-	-	-	-	1	1	-
Oneonta College	8	3	5	8	3	5	-	-	-
Oswego College	4	2	2	4	2	2	-	-	-
Plattsburgh College	2	1	1	2	1	1	-	-	-
Potsdam College	1	1	-	1	1	-	-	-	-
Agriculture and Life Sciences	1	1	-	1	1	-	-	-	-

[a]See Mathematics (7-12).

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Agriculture	31	28	3	21	18	3	10	10	-
Agriculture and Life Sciences	31	28	3	21	18	3	10	10	-
Art	285	71	214	222	53	169	63	18	45
Buffalo Center	18	1	17	14	1	13	4	-	4
Buffalo College	179	48	131	140	36	104	39	12	27
New Paltz College	88	22	66	68	16	52	20	6	14
Health	214	91	123	179	78	101	35	13	22
Stony Brook Center	23	9	14	14	4	10	9	5	4
Brockport College	70	34	36	61	31	30	9	3	6
Cortland College	114	48	66	97	43	54	17	5	12
Human Ecology	7	-	7	7	-	7	-	-	-
Home Economics	236	-	236	179	-	179	57	-	57
Buffalo College	79	-	79	48	-	48	31	-	31
Oneonta College	75	-	75	57	-	57	18	-	18
Plattsburgh College	53	-	53	47	-	47	6	-	6
Human Ecology	29	-	29	27	-	27	2	-	2
Industrial Arts	367	358	9	307	298	9	60	60	-
Buffalo College	170	167	3	124	121	3	46	46	-
Oswego College	197	191	6	183	177	6	14	14	-

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Library Media Specialist	74	11	63	1	-	1	73	11	62
Albany Center	52	10	42	-	-	-	52	10	42
Buffalo Center	22	1	21	1	-	1	21	1	20
Music	248	95	153	207	73	134	41	22	19
Buffalo Center	24	9	15	10	2	8	14	7	7
Fredonia College	91	35	56	76	28	48	15	7	8
Potsdam College	133	51	82	121	43	78	12	8	4
Physical Education	533	280	253	469	235	234	64	45	19
Buffalo Center	39	25	14	35	23	12	4	2	2
Brockport College	217	116	101	201	104	97	16	12	4
Cortland College	277	139	138	233	108	125	44	31	13
Recreation	79	53	26	69	45	24	10	8	2
Buffalo Center	1	1	-	-	-	-	1	1	-
Cortland College	78	52	26	69	45	24	9	7	2
Speech	49	14	35	42	12	30	7	2	5
Buffalo Center	7	3	4	7	3	4	-	-	-
Brockport College	7	2	5	6	2	4	1	-	1
Cortland College	3	1	2	2	1	1	1	-	1

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW Y K STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Speech (continued)									
Geneseo College	5	3	2	5	3	2	-	-	-
Oneonta College	22	5	17	17	3	14	5	2	3
Oswego College	5	-	5	5	-	5	-	-	-
Business Education	143	31	112	69	13	56	74	18	56
Albany Center	110	22	88	50	7	43	60	15	45
Buffalo Center	33	9	24	19	6	13	14	3	11
Business and Distributive Education	57	36	21	49	28	21	8	8	-
Albany Center	15	12	3	7	4	3	8	8	-
Buffalo Center	10	4	6	10	4	6	-	-	-
Buffalo College	32	20	12	32	20	12	-	-	-
Trade Subjects	144	88	56	54	48	6	90	40	50
Oswego College	144	88	56	54	48	6	90	40	50
Technical Subjects	1	1	-	1	1	-	-	-	-
Oswego College	1	1	-	1	1	-	-	-	-
Physically Handicapped-Orthopedic	17	2	15	16	2	14	1	-	1
Buffalo College	17	2	15	16	2	14	1	-	1

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TABLE 18--EDUCATIONAL CERTIFICATIONS RECOMMENDED TO THE NEW YORK STATE EDUCATION DEPARTMENT BY CERTIFICATION AREA, INSTITUTION, TYPE OF CERTIFICATION AND SEX OF RECIPIENT STATE UNIVERSITY OF NEW YORK, JULY 1, 1974 THROUGH JUNE 30, 1975
(Continued)

Certification area and institution	All certifications recommended			Provisional certifications			Permanent certifications		
	Total	Men	Women	Total	Men	Women	Total	Men	Women
Speech and Hearing Handicapped	405	24	381	356	21	335	49	3	46
Albany Center	65	1	64	47	1	46	18	-	18
Buffalo Center	2	-	2	-	-	-	2	-	2
Brockport College	35	3	32	33	3	30	2	-	2
Buffalo College	61	4	57	39	2	37	22	2	20
Cortland College	10	-	10	10	-	10	-	-	-
Fredonia College	48	7	41	46	6	40	2	1	1
Geneseo College	129	7	122	126	7	119	3	-	3
New Paltz College	41	1	40	41	1	40	-	-	-
Plattsburgh College	14	1	13	14	1	13	-	-	-
Deaf	1	-	1	-	-	-	1	-	1
Geneseo College	1	-	1	-	-	-	1	-	1
Mentally Retarded	440	52	388	369	39	330	71	13	58
Binghamton Center	11	2	9	-	-	-	11	2	9
Buffalo College	173	22	151	137	18	119	36	4	32
Geneseo College	244	24	220	232	21	211	12	3	9
New Paltz College	12	4	8	-	-	-	12	4	8
Teacher of the Learning Handicapped	9	-	9	-	-	-	9	-	9
Buffalo College	9	-	9	-	-	-	9	-	9

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PART VI

PUBLICATIONS LIST

PUBLICATIONS LIST
CENTRAL STAFF OFFICE OF INSTITUTIONAL RESEARCH

Report Number	Title
B-1	Degrees and Other Formal Awards Granted During 1967-1968. (Out of Print)
D-1	Preparation of Educational Personnel, 1966-1967 and 1967-1968. (Out of Print)
C-1	Enrollment by Academic Program, Fall 1968. (Out of Print)
-	Degree and Other Formal Programs Currently Offered, September 1969.
1	Enrollment, Housing and Financial Aids of Minority Group Students, Fall 1968. (Out of Print)
3	Campus School Statistics, 1966-1967-1968. (Out of Print)
5	Geographic Origins of Students, Fall 1968. (Out of Print)
6	Geographic Origins of First-time Students, Fall 1968.
7	1968-1969 Headcount Enrollment and Full-time Equivalent Workload Statistics of Credit Course Students.
8	Academic Library Statistics, 1967-1969. (Out of Print)
10	1969-1970 Headcount Enrollment and Full-time Equivalent Workload Statistics of Credit Course Students.
11	Trends in Enrollment and Degrees, 1948-1970.
12	Geographic Origins of Students, Fall 1969.
13	Geographic Origins of First-time Students, Fall 1969.
14	Summer Credit Course Students, 1968-1970. (Out of Print)
15	Application and Enrollment Patterns of Transfer Students, Fall 1970.
16	Campus School Statistics, 1966-1970.
17	Graduate Student Admissions Survey, Fall 1970. (Out of Print)
18	Academic Library Statistics 1969-1970.
19	Inventory of Selected Interinstitutional Cooperative Arrangements as of January 1971. (Out of Print)
-	Faculty and Staff Statistics, by Job Category, Ethnic Group, Tenure, Rank and Sex, Fall 1970.
-	Directory of Selected Campus Administrative Personnel of the State University of New York, 1971. (Out of Print)

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Report Number	Title
20	Summer 1971 Credit Course Students with 1968-71 Trends (Out of Print)
21	Geographic Origins of Students, Fall 1970 (Out of Print)
22	Geographic Origins of First-time Students, Fall 1970 (Out of Print)
23	Employee Characteristics and Salary Statistics, Fall 1970 (Out of Print)
24	1970-1971 Headcount Enrollment and Full-time Equivalent Workload Statistics of Credit Course Students (Out of Print)
25	Characteristics of Institutions Under the Program of the State University of New York, Fall 1970
26	Degree and Other Formal Programs Currently Offered, Fall 1971 (Out of Print)
27	Migration of U.S. College Students with Emphasis on New York State, Fall 1968 (Out of Print)
28	Preparation of Educational Personnel 1968-69, 1969-70 and 1970-71 with Trends from 1966-67 (Out of Print)
29	Application and Enrollment Patterns of Transfer Students, Fall 1971
31	Tuition Waivers Honored by State-operated Institutions of the State University of New York, 1970-71 and 1971-72 (Out of Print)
32	Graduate Student Admissions Survey, 1971
33	Enrollment by Academic Program, Fall 1968 Through Fall 1971 (Out of Print
34	Minority Group Enrollment, Housing and Financial Aid Statistics, Fall 1969 Through Fall 1971
35	Geographic Origins of First-time Students, Fall 1971 (Out of Print)
36	Geographic Origins of Students, Fall 1971
37	Trends in Enrollment and Degrees Granted, 1948-1972 (Out of Print)
38	Graduate Admissions Survey, 1972

PUBLICATIONS LIST
CENTRAL STAFF OFFICE OF INSTITUTIONAL RESEARCH
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Report Number	Title
39	Geographic Origins of First-time Students, Fall 1972
41	Application and Enrollment Patterns of Transfer Students, Fall, 1972
42	Geographic Origins of Students, Fall 1972
1-74	Graduate Student Admissions Survey, 1973
2-75	Geographic Origins of Students, Fall 1973
3-75	Geographic Origins of First-time Students, Fall 1973 (Out of Print)
4-74	Attrition and Retention of First-time, Full-time Students in Two Year and Baccalaureate Degree Programs, Class of 1973
5-74	Enrollment by Academic Program, Fall 1969 Through Fall 1972
1-75	Graduate Student Admissions Survey, 1974
6-75	Application and Enrollment Patterns of Transfer Students, Fall 1973
7-75	Trends in Enrollment and Degrees Granted, 1948-1974
8-75	Age Group and Sex of Students, Fall 1974
9-75	Utilization of Residence Hall Facilities, Fall 1974 and Fall 1975
2-76	Geographic Origins of Students, Fall 1974
3-76	Geographic Origins of First-time Students, Fall 1974
4-76	Attrition and Retention of First-time, Full-time Students in Two-Year and Baccalaureate Degree Programs, Class of 1974
6-76	Application and Enrollment Patterns of Transfer Students, Fall 1974
10-76	Preparation of Educational Personnel, 1971-72 Through 1974-75 With Trends From 1966-67

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